DX LISTENING DIGEST 17-34, August 22, 2017
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, http://www.worldofradio.com

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http://www.worldofradio.com/dxldmid.html
[also linx to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1892 contents: Algeria, Antarctica, Australia, Bhutan, Bougainville, Brazil, China, Colombia and non, Cuba, Eritrea, Ethiopia, France, German, Indonesia, International Vacuum, International Waters and non, Korea North non, Korea South, Morocco, New Zealand, Per˙, Saudi Arabia, Taiwan non, UK, USA

SHORTWAVE AIRINGS of WORLD OF RADIO 1892, August 22-28, 2017

Tue 2130	WRMI	9455 15770 [confirmed 9455; 15770 JBAC]
Tue 2330	WBCQ	9330v-CUSB [confirmed]
Wed 1030	WRMI	5850 9455 [confirmed 5850; not audible 9455]
Wed 1315	WRMI	9955 [confirmed]
Wed 2100	WBCQ	7490v [confirmed, JBA]
Wed 2330	WBCQ	9330v-CUSB [confirmed]
Thu 2330	WBCQ	9330v-CUSB [confirmed]
Fri 2330	WBCQ	9330v-CUSB
Sat 0630	HLR	6190-CUSB Hamburger Lokalradio
Sat 1431	HLR	7265-CUSB Hamburger Lokalradio
Sat 1930v	WA0RCR	1860-AM
Sat 2230	WBCQ	9330v-CUSB
Sat 2300	WRMI	11580
Sun 0200	WRMI	11580
Sun 0310v	WA0RCR	1860-AM
Sun 1030	HLR	9485-CUSB Hamburger Lokalradio
Sun 2330	WBCQ	9330v-CUSB
Mon 0300v	WBCQ	5130v-AM Area 51
Mon 0330	WRMI	9955
Mon 2330	WBCQ	9330v-CUSB
Tue 0030	WRMI	7730

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:
http://www.worldofradio.com/radioskd.html or
http://schedule.worldofradio.org or http://sked.worldofradio.org

For updates see our Anomaly Alert page:
http://www.worldofradio.com/anomaly.html

WORLD OF RADIO PODCASTS:
Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.
http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor

ALTERNATIVE PODCASTS, tnx Stephen Cooper:
http://shortwave.am/wor.xml

ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston:
http://feeds.feedburner.com/GlennHausersWorldOfRadio

NOW tnx to Keith Weston, also Podcasts via iTunes:
https://itunes.apple.com/us/podcast/glenn-hausers-world-of-radio/id1123369861

AND via Google Play Music:
http://bit.ly/worldofradio

OUR ONDEMAND AUDIO:
http://www.worldofradio.com/audiomid.html
or http://wor.worldofradio.org

DAY-BY-DAY ARCHIVE OF GLENN HAUSER`S LOG REPORTS:
Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues:
http://www.hard-core-dx.com/index.php?topic=Hauser

NOTE: I have *resolved* to make DXLD leaner, more selective, as I seriously need to reduce my workload, much of which has been merely editing gobs of material into presentable form. This makes it even more important to be a member of the DXLD yg for additional material which may not make it into weekly issues (gh)

DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg without delay.

When applying, please identify yourself with your real name and location, and say something about why you want to join. Those who do not, unless I recognize them, will be prompted once to do so and no

action will be taken otherwise. Here`s where to sign up:
http://groups.yahoo.com/group/dxld/

** AFGHANISTAN. Weak/fair to good signal of R. Afghanistan External Service, August 17
1534 & 1631 on 6100 YAK 100 kW / 125 deg to SoAs English/Urdu/Arabic & off at 1640
http://swldxbulgaria.blogspot.bg/2017/08/weakfair-to-good-signal-of-rafghanistan.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via DX LISTENING DIGEST)

** ALGERIA. Hi Glenn, Got out of the area for a few days, and heard some things of interest. Maybe jumping the gun a bit on LWBC season, but signal strengths were nice in spite of atmospherics.

252 kHz. ChaÓne 3 on 8/15/17, 0334z. M/F discussion, with strong sigs and even stronger cloud static (S-9+), making listening very difficult. 43131 sigs. Rx: ICF-2010, and inductively-coupled three-foot box loop (Steve Zimmerman, Location: 30 mi SW of Madison, WI, DX LISTENING DIGEST) See also FRANCE, MOROCCO

** ANGUILLA. 6090.002, Caribbean Beacon, distorted audio, but much better audio quality now, than in previous months. Could understand Pastor's sermon content. 0558 UT at S=9+25dB in MI-US SDR unit. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

** ANTARCTICA. 15476, LRA 36, Radio Nacional Arc·ngel San Gabriel, Base Esperanza, 1950-2010, 16-08, songs, female, comments, Very weak, barely audible, best on USB. 15321 (Manuel MÈndez, Lugo, Spain, Log in Lugo, Grundig Satellit 500, cable antenna, 8 meters, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

15476, LRA 36, Radio Nacional Arc·ngel San Gabriel, Base Esperanza, 1920-1938, 18-08, songs, comments. Very weak, barely audible and only on USB. 15321 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, cable antenna, 8 meters, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

** ARGENTINA [non]. I had a nice surprise in the mail today, a postcard QSL from RAE Argentina. It was marked a QSL # 097. I did a conversion of the price it cost to send it in USD and it calculated out to $4.22, ouch, talk about inflation. I did send $2.00 with my reception report (John Cooper, PA, Aug 17, DX LISTENING DIGEST) I also got mine, #001; details next DXLD (gh)

RAE relays missing from WRMI 11580: see U S A

** ARMENIA. [filed here based on 11845 usage tho not specified --- gh]

"RADIO MI AMIGO NEWSLETTER SEPTEMBER 2017

Hello to all Radio Mi Amigo International friends, More great news coming up for you!

1. Another HIGH POWER broadcast at the end of this month!

On Sunday, August, 27th we remember those sad days when the MOA (Anti-Pirate-Law) came over a lot of free offshore radiostations.

In the UK it happened on August, 14 1967, in the Netherland the law came at August, 31 1974 and at both times most of the offshore stations closed down, and free radio became nearly away of live! That's the time when 'the music nearly died'!

Of course Radio Caroline/Radio Mi Amigo International continued and we do still today, even its no more at the 'high sea'. We remember these sad days with a lot of music and original recordings.

August 27 from 19 to 21 hr CET (17-19 UT) with 100 kW of power on SW 25 m band on 11845 kHz and online via our webstreams: http://radiomiamigointernational.com

As you may have seen on our schedule at: http://radiomiamigointernational.com/english/sw-schedule.html we have a 'special' Hello Europe show each Thursday at 14hr and 19hr CET where we invite former offshore jocks. The first who will do regually monthly shows in this timeslot are:

Robbie Owen (pic left)! Robbie worked on Abie Nathan`s Voice of Peace off the Israelian coast and is still in radio-business

Stuart Vincent (pic right)! Stuart worked between 1980-1985 on the Voice of Peace, Radio Caroline and Laser 558

Please give both a friendly welcome: robbie@radiomiamigointernational.com (Robbie Owen) and stuart@radiomiamigointernational.com (Stuart Vincent)

Robbie will be doing the slot mostly each first Thursday of a month, Stuart each second Thursday of each month.

All new infos about when the shows are aired you will find on: https://www.facebook.com/radiomiamigointernational/

Our brandnew QSL cards arrived, showing the MV Mi Amigo on high sea. Have fun with the new cards!

Coming soon: At the end of September there will be another 'high power' broadcast and we need your help for that program. More to come soon. To all of you, have a great September and keep listening to the 'one and only' original Radio Mi Amigo International!

kind regards
Cpt. Kord and the whole team
http://radiomiamigointernational.com
(via Manuel MÈndez, Spain, aug 22, dxldyg via DXLD)

** ASCENSION. Financial Times travel story on Ascension Island
August 19 2017 Financial Times Weekend Life and Arts section page 6

"The Loneliest Island" --- One half sentence obliquely mentioning the BBC relay on air since 1967: "the BBC still broadcasts to Africa from here" (Steve Kamp, Sacramento CA, Sent from XFINITY Connect Mobile App, Hard-Core-DX mailing list via DXLD)

** AUSTRALIA. SENATE SLAMS ABC CUT TO SHORTWAVE RADIO
The West Australian-1 hour ago

The ABC has been slammed by all sides of politics over its "foolish" decision to cut the transmission of shortwave radio to remote Australia and the Pacific...
https://thewest.com.au/politics/senate-slams-abc-cut-to-shortwave-radio-ng-s-1761030
(via Artie Bigley, WORLD OF RADIO 1892, DXLD) Seems same as this:

SENATE SLAMS ABC CUT TO SHORTWAVE RADIO
News.com.au August 17, 2017
http://www.news.com.au/national/breaking-news/senate-slams-abc-cut-to-shortwave-radio/news-story/de33b4658697d22c28e0e0cb7f98249f

The ABC has been slammed by all sides of politics over its "foolish" decision to cut the transmission of shortwave radio to remote Australia and the Pacific Islands.

The Senate debated a private bill on Thursday by crossbench senator Nick Xenophon to force the ABC to restore transmission after it was cut earlier this year.

"It seems a terrible decision that's been made by the ABC board," Senator Xenophon told parliament, accusing the public broadcaster of ignoring the bush and Australia's neighbours.

The ABC insists listeners can still tune in via FM and AM frequencies, the viewer access satellite television (VAST) service and online.

But senators say the ABC fails to understand those alternative methods are not available to everyone in the bush and the information people are missing out on can be life threatening, such as weather warnings. Senator Xenophon said the ABC had miscalculated how many people relied on the service.

"There are some question marks over the methodology used by the ABC in relation to this."

The South Australian senator warned Australia was "foolish" to retreat from the Pacific region by cutting shortwave radio just as other countries like China were expanding shortwave services in the region.

"That footprint is a form of soft diplomacy that is very effective, it wins hearts and minds in the region," he said.

Truck drivers in the outback, remote indigenous communities and those in the Pacific no longer had access to Radio Australia.

"But they'll be able to get Radio China - that is wrong," Senator Xenophon said.

Nationals senator Bridget McKenzie lashed out at the ABC's "short-sighted" decision, insisting it had not provided credible evidence as to why the decision was made.

"The ABC has effectively abandoned huge areas of the Northern Territory."

Labor senator for the Northern Territory Malarndirri McCarthy pleaded with the ABC to reverse its "mistake", insisting it had left Australians in remote communities completely isolated and suffering.

"It is absolutely dire."

The Greens said the bill would interfere with the ABC's independence and blamed the decision on government funding cuts (via Mike Terry, Aug 17, dxldyg via WORLD OF RADIO 1892, DXLD)

According to industry publication Inside Radio, the effort to restore Radio Australia on shortwave is now dead in the water (Sent from David Sharp's iPhone, WORLD OF RADIO 1892, ibid.)

It is never too late to revisit a bad decision! - YouTube 13:26
The shutdown of the shortwave radio was a bad decision made by ABC

management. . .
https://www.youtube.com/watch?v=s6OgP_lGaXM
12 hours ago - Uploaded by Malarndirri McCarthy
(via Artie Bigley, OH, Aug 17, WORLD OF RADIO 1892, DXLD)

** BAHRAIN. I received an electronic QSL from Radio Bahrain for the reception in Arabic - 06/05/2017, 2330 UT at the frequency of 9745 kHz (the transmitter in Bahrain). Report sent by e-mail: TOB_dir @ iaa.gov.bh Confirmation received From Directorate of Transmission & Outside Broadcast (Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx" via QSL World, Rus-DX August 20 published Aug 19 via DXLD)

** BOLIVIA [and non]. /IRAN, 5952.451, Radio Pio Doce (XII) - Siglo Veinte, still on air at 0155 UT on Aug 20 in Bolivian Spanish. AOKI Nagoya database says schedule till 0100 UT only instead. S=9+10dB signal noted in Germany tonight. Audio addresses URLs:

<http://aler.org:8000/pio12siglo.mp3>
<http://aler.org:8000/pio12oruro.mp3>

and Cochabamba
<http://aler.org:8000/pio12cbba.mp3>

And hit on lower sideband by IRIB Sirjan-Iran Tajik service program on 5950.006 kHz measured at 0150 UT on Aug 20, S=9+20dB signal strength in southern Germany. Some morning logs this Aug 20 at 0045 to 0200 UT, logged here in southern Germany Europe: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews Aug 20, dxldyg via DXLD)

** BOUGAINVILLE [and non]. 3325, Aug 19 at 1146, S7-S9 music, presumed NBC; but recheck 3 minutes later at 1149 has become a JBA carrier --- rather than a quick fadedown, I bet in the interim NBC signed off uncovering RRI Palangkaraya. Perhaps Ron or someone had kept listening and can confirm. Our sunrise now 1153 UT, latening at the rate of 5 or 6 minutes per week.

3325, Aug 20 at 1149 music at S8-S6, 1152 drops to S6-S5, tho similar weak music. Wonder if the same transition happened (Glenn Hauser, Enid OK, WORLD OF RADIO 1892, DX LISTENING DIGEST)

Hi Glenn, Was not active on Aug 19, but on the 20th, back again at Asilomar State Beach. Had NBC Bougainville, 1132-1150*; EZL pop songs (Kool & The Gang - "Cherish," etc.); not the usual Sunday religious songs; light RRI Palangkaraya QRM; suddenly off in mid-song, leaving RRI in the clear.

BTW - 3260 (PNG - NBC Madang) noted at 1151, with just an open

carrier, also on the 20th. (Ron Howard, California, dxldyg via DX LISTENING DIGEST)

Hi Glenn, Am observing NBC Bougainville (3325) with erratic sign off times. Aug 21, cut off suddenly at 1133*; after the usual format of DJ in Pidgin; playing pop songs. Considerable daily variance (Ron Howard, California, Aug 21, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

** BRAZIL. 4845.005, Probably ZYF278 R·dio Cultura Ondas Tropicais, Manaus AM, heard with BrasPort songs at 0117 UT on Aug 20. S=7 signal strength.

4864.623, Low modulated BrasPort program, presumably ZYG641 Radio Alvorada, Londrina PR, 0121 UT on Aug 20, strong S=8 carrier, but audio modulation around poor threshold level.

4875.251, RadioDif. Roraima, Boa Vista RR, at 0124 UT on Aug 20 heard "Radio Roraima", same signal strength like 4865v, but much much better modulation, BrasPort canÁıes. Frequency unstable, wandered 3-4 Hertz continuously around up and down.

4885.021, ZYG362, R·dio Clube do Par·, BelÈm PA, adverts at 0126 UT on Aug 20, Brazilian songs. Excellent S=9+5dB signal here in southern Germany.

4925.207, ZYH282, R·dio EducaÁ„o Rural, TefÈ AM, this Aug 20 morning at 0137 UT, soft evangelical(?) song singer in BrasPortuguese.

5939.812, Voz Mission·ria, Cambori˙ SC, at 0148 UT on Aug 20, S=9+10dB excellent strong signal here in Germany from Santa Caterina. Talk on 'Madre'. Some morning logs this Aug 20 at 0045 to 0200 UT, logged here in southern Germany Europe: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews Aug 20, dxldyg via DXLD)

** BRAZIL. 9564.954, ZYE727, SRDA Super R·dio Deus È Amor, Curitiba PR, very weak at S=5 signal level, heard at 0630 UT on Aug 22, in remote SDR in Edmonton-Alb-CAN <www.superradiodeuseamor.com.br> [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

** BRAZIL. 9665.989, Aug 17 at 0554, R. Voz Mission·ria has almost achieved a full kHz of offness, S7 signal in Brazuguese gospel huxter, much better signal than the others, JBA carriers circa 9674.97, 9725+, 9819 (Glenn Hauser, OK, DX LISTENING DIGEST)

** BRAZIL. 15190.732, Aug 16 at 2012, JBA carrier, presumed R·dio InconfidÍncia, which JRX in Brasil reported reactivated as of Aug 13, not heard since June 5, on ``15190``, but it`s always been off-frequency, now more so than before (Glenn Hauser, OK, WORLD OF RADIO 1892, DX LISTENING DIGEST)

15190, R·dio InconfidÍncia, Belo Horizonte, 1938-1946, 18-08, Portuguese, comments. 15321 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** BULGARIA. Updated schedule of various transmissions on 9400 and 2nd harmonic 18800 via SPL Secretbrod; 9400 100 kW
0300-0315 / 126 deg to N/ME Arabic Dly Dardasha 7 BVBroadcasting
1500-1600 / 306 deg to WeEu English Sat The Mighty KBC Radio
1500-1600 / 030 deg to EaEu Eng/Spa Sun From the Isle of Music
1600-1630 / 306 deg to WeEu English Sat Shortwave Radiogram
1601-1700 / 306 deg to WeEu English Sun VORW Radio International
1701-1800 / 090 deg to WeAs Persian Dly Bible Voice Broadcasting
1801-2028 / 195 deg to EaAf English Dly Brother HySTAIRical/TOM/
2030-2045 / 195 deg to EaAf Arabic Dly Dardasha 7 BVBroadcasting
http://swldxbulgaria.blogspot.bg/2017/08/updated-schedule-on-frequency-9400-khz.html
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, Aug 20-21, dxldyg via DX LISTENING DIGEST)

** CHINA. 11560, Firedragon Music Station (PRC Jammer) at 1800. Very powerful signal, first caught on random bandscan on portable Longine's Symphonette World Traveller and whip. This channel should be RFA via Guam [sic] now, so --- I couldn't hear any programming under the crashing and banging music. August 13.

My listening has been spotty of late, plus I've lost my best antennas (temporarily). I use indoor equipment anyway when we have the violent summer "monsoon" thunderstorms (from USA Independence Day to Mexico Independence day - roughly). Always hoping that some small scrap or snippet may be useful to someone out there. 73 and Good Listening! (Rick Barton, Sun City/Peoria Arizona, dxldyg via DX LISTENING DIGEST)

** CHINA. 6035, PBS Yunnan (Voice of Shangri-la), 1212-1241, Aug 15. Running well past their normal 1200*; EZL instrumental music of hit songs ("Bridge Over Troubled Water," etc.); still on when tuned out at 1241. No BBS/Bhutan heard today.

7270, PBS Nei Menggu, // to spur on 7266, at 1225, Aug 13. First noted an UNID carrier on 7266 back on March 19, but never heard any audio there till today, when it was clearly // (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING

DIGEST) See also KASHMIR [non]

6035, PBS Yunnan (Voice of Shangri-la), 1200-1201*, Aug 20. ToH ends their regular programming; start of their EZL filler music till suddenly off. No BBS/Bhutan today.

6155, CNR2/China Business Radio, 1212-1232, Aug 20. The often heard, popular variety show "Haiyang Live"; mostly comedy with a lot of canned laughter, but also pop songs; in Chinese, except for a brief segment in English ("As many of you prepare to take the National Higher Education Entrance Examination, I wish you success in your endeavors . . . Whether you aim to be a doctor, teacher, scientist, musician, engineer or writer . . . You are the next generation of leaders for generations to come."); // 6065 // 7315.

The examination is given throughout China to high school students to determine which university they can attend. A tremendous amount of pressure on the students to do well, as it greatly affects their future. Will always remember some years ago, I was in Shanghai during the day of the exam. Needed to take a taxi someplace, which are normally very easy to find, as there are so many of them in the city, but that day all the taxis were occupied by students. Later found out that almost all the taxis in the city had been reserved to take students to the exam.

7148-USB (ex: 7118-USB), VC01 (Chinese Military numbers station), on Aug 20, heard at 1138, 1152, 1241 and 1259, with numbers in Chinese; fair reception. Seems they now like the ham band! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

** COLOMBIA. 5910.368, Aug 19 at 0601, tropical song, S9-S8, better than usual, 0615 ID as ``Alcarav·n Radio`` --- yes that`s what they really say, not Radio Alcarav·n (Glenn Hauser, OK, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** COLOMBIA. 6010.070 ??? UNIDentified station program, tiny signal on threshold from BRAZIL / COLOMBIA origin? - No signal on v5910.3 this morning 0555 UT. On both MI-US, FL-US, nor on Edmonton-Alb-CANADA. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

** COLOMBIA [non]. 9955, Thu Aug 17 at 1308, WRMI, Spanish news of protest demonstration in Buenaventura, with lots of location crowd noise. Hadn`t heard about it elsewhere; is this news or olds? During `Informativo G24` the Colombian-oriented but produced in Miami weekly news magazine, and thus the closest thing to a Colombian external SW

service. 1326 wrapup with program ID as such.

Searching on Buenaventura manifestaciones, these ranged from May 19 to June 12. People were killed and injured. So what was this about? Here`s an RCN story from May 19:
http://www.noticiasrcn.com/nacional-regiones-pacifico/disturbios-buenaventura-dejan-un-muerto-11-heridos-y-41-detenidos
It seems there had been riots and vandalism, and a `paro cÌvico`, meaning general strike? A prolonged one by teachers protesting their treatment by the government (Glenn Hauser, OK, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** CONGO. 6115, Radio Congo, Brazzaville, 1816-1825, 18-08, French, comments. 14321. Also 1807-1828*, 19-08, French, comments, male, female, ID ìRadio Congoî, songs. 14321 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** CRIMEA [non]. Article about Ukrainian TV to occupied Crimea. Very low power.
https://www.unian.info/society/2086481-ukraine-starts-broadcasting-tv-channels-from-chonhar-to-occupied-crimea.html
(Walt Salmaniw, Victoria, BC, Aug 20, dxldyg via DXLD)

There was another version of this news item citing Crimea's deputy minister for internal affairs, information and communications, saying there is continuous work in progress to block any Ukrainian channels (Leo Barmaleo, Moldova, ibid.)

** CUBA. 980, CUBA Radio Reloj, Moa-Rolo Monterrey, HolguÌn. 1002 August 12, 2017. The little 1000 watter ticking and beeping away in the co-channel of mostly KQUE impersonating a Mexican with Mexi-tunes, Spanish Christian words just before the hour and male canned ID.

1100 CUBA Radio Angulo, Mayari, HolguÌn. 0955 August 13, 2017. "One Love" by Bob Marley & the Wailers segued to "Alouette" by Paul Mauriat. Station gong/chimes theme, ID into "Letra de Te Doy Una CanciÛn" by Silvio RodrÌguez. (Terry L Krueger, Clearwater FL, NRD-535, IC-R75, longwires, active loop, DX LISTENING DIGEST)

** CUBA. 6100, Aug 16 at 0613 survey of RHC English frequencies: this one is S9+30 of dead air. 6145 & 6000 are equally undermodulated, at S9+10 and S9+20/10 respectively. 6060 is also S9+20/10 but with good modulation; and 5040 is off after 0600. Somethings are always wrong at RHC (Glenn Hauser, OK, DX LISTENING DIGEST)

14680, Aug 20 at 0109, JBA talk, // 7340 as second harmonic of RHC; meanwhile, 14670 CHU is inaudible, even tho it is no longer on 7335. 2

x 7850 = 15700 where one should seek it if propagation ever be excellent. Not surprising, as K index is 4 amid G1 storms. Perhaps Sun will be putting on an unusual show if this keep up at totality (Glenn Hauser, OK, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** CUBA [and non]. 7365, August 20 at 0516, R. MartÌ playing rock song in English mixed with ``CW``, apparently SFX in the music rather than part of the jamming underneath. Various dits unseemed real Morse code (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA. 6000even, RHC Quivic·n outlet aligned back to even fq, was 2-3 Hz down side in past weeks. Heard in remote SDR MI-US, central FL-US units. English program, Rumba rhythmic dance music and female singer in progress at 0551 UT. \\ 5940, 6060, 6100, and 6145 kHz all Bauta too. But still strong carrier on 6000 kHz of S=9+30dB at 0552 UT, and low modulation level though, and also distorted small range audio signal, NOT CLEAN!

Best audio heard on 6100 kHz Bauta unit S=9+20dB,
6060 also little distorted audio at powerhouse S=9+30dB,
6145 kHz azimuth towards W USA/CA, at S=9+10dB signal.
5040even, RHC Bauta in English too, history calendar read at 0620 UT S=9+20dB strength in Detroit-MI-US remote SDR. English newsdesk at 0601-0602 UT, then 2 minutes empty carrier on air, and TX cut off at 0605 UT. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

** ECUADOR [non]. Russia / Austria --- I received a QSL card from the "Voice of the Andes" from Voronezh for the reception in Russian - 22.07.2017, 1530-1600 UT at the frequency of 13800 kHz (transmitter Mosbrunn, Austria, 100 kW). The report was sent by e-mail: mks @ intercon.ru On the card is a beautiful landscape of nature. Each month, a new QSL is sent (Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx" via QSL World, Rus-DX August 20 published Aug 19 via DXLD)

The Voice of the Andes - 4 cards for June and July (views of nature and Voronezh). It was a week (Victor Varzin, Kommunar, Leningradskaya oblast, Russia / "deneb-radio-dx", via QSL World, Rus-DX August 20 published Aug 19 via DXLD)

** EQUATORIAL GUINEA. 5005, Radio Nacional, Bata, 0525-0533, 19-08, extremely weak, only carrier today on LSB (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** ERITREA. 7181.6, Voice of the Broad Masses 2, Asmara, 1755 Aug 12, talk.

7140, Voice of the Broad Masses, Asmara, 1755 Aug 12, music
7140.1, R Asmara, 1755, Aug 13, local.

73! (Mauro Giroletti, IK2GFT-SWLI2- 1510, Buccinasco SW Milano Italy
-JRC 525 NRD-LOWE HF 150-Elad FDM S2
-Antenna LOOP ALA100M- MiniWHIP
-Filter PAR Electronics LPF - HPF
-Lat. 45.25í.00íí Long. 9.7í.00î -Locator grid. Jn 45 Nk-
playdx yg via WORLD OF RADIO 1892, DXLD) 2 is on 7181v, 1 is on 7140v, reverse order. I failed to correct this on WOR 1892, but Ivo`s right:

New frequencies of VOBME 1 and 2 Dimtsi Hafash August 18:
1400-1830 7181.6 ASM 100 kW / non-dir EaAf Tigrinya VOBME 1, ex 7175.0
1400-1830 7140.0 ASM 100 kW / non-dir EaAf Amharic VOBME 2, ex 7150.0
1800-1830 7181.6 ASM 100 kW / non-dir EaAf Arabic VOBME 1, ex 7175.0
1500-1700 both jammed by Ethiopia with white noise digital jamming
http://swldxbulgaria.blogspot.bg/2017/08/new-frequencies-of-vobme-1-and-vobme-2.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST) But Wolfie has then reversed again, so which which?

7180.020, Probably VoBME2 R Asmara outlet only, S=7 or -87dBm, (not VoBME1 on 7140/7145v kHz this morning). Men`s talk, no music piece at this hour 0523 UT, heard in Doha Qatar. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

As of WRTH 2017, 1 was on 7200, 2 on 7175. Presumably 1 then jumped down to 7140v leaving 2 higher than it rather than lower? (gh, DXLD)

** ETHIOPIA. Hi again Thorsten. Many thanks for the files. I've spent some time listening them. I think your original file was the clearest one. I guess your impression about word Ethiopia is correct, actually it's "Itoobiya" in Somali. It's pretty hard for me as a non-Somali to be sure but could the ID be "Radio Deegaanka Soomaalida Itoobiya"? That could refer to Ethiopian Somali Regional State. Feel free to share my thoughts with other listeners.

[and later:]

I found some Somali-language websites that say few words about shortwave station on 5.94 kHz or KH (sic) in DDSI (Ethiopian Somali Regional State). One is
http://degaanka2.rssing.com/chan-60570855/all_p2527.html
If you scroll down enough, you`ll see pictures of some ceremony, behind the speaker is a poster with antenna and letters "SW" and "DDSI". 73, Jari Savolainen, Finland (via Thorsten Hallmann, Aug 21, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

Hi folks, I believe the so-far-unidentified station on 5940 kHz is now identified as the official station of the Ethiopian Somali Regional State (though we are not 100% sure about the ID), thanks to Jari Savolainen's research last night. Here you'll find some pictures of the transmitter and its
inauguration:
http://degaanka2.rssing.com/browser.php?indx=60570855&item=50532
In this file the last four words are likely the ID:
http://www.muenster.org/uwz/ms-alt/africalist/5940-fusion.wav

Broadcast times are approx. 0400-0510+, 1300-1500, 1810-2000 - all a bit variable. There seem to be daily newscasts at 1910v. The rest of the programme consists mainly of long musical sections and occasional interviews/correspondents reports by phone. It all sounds a bit provisional - no jingles, no IDs at sign-on or sign-off or other regular features. 73 (Thorsten Hallmann, M¸nster, Germany,
http://www.muenster.org/uwz/ms-alt/africalist/
Aug 22, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

** ETHIOPIA. 7236. Wed, Aug 16 at 1808-1818, Voice of Peace and Democracy, Geja, ETHIOPIA, in Tigrinya. Man announcer talks & talks; 1811 A short music; Man talks, a true preaching! Very poor to barely audible modulation of this Clandestine Station, target to Eritrea, 25332-25331 (DXer: JosÈ Ronaldo Xavier, Location: Cabedelo-PB, Brazil (UT-3), RX (s): Sony ICF-SW100S, Antenna: Longwire, Hard-Core-DX mailing list via DXLD)

** FIJI. New FBC NEC MW transmitters & antenna
This very relevant Youtube video spotted within:
http://swling.com/blog/2017/08/new-mediumwave-facility-for-fiji/
(Ian, NSW, Aug 15, shortwavesites [sic] yg via DXLD)

Get Ready for the Rejuvenated 558-Fiji

Neil, Nigel and others are smart to check for this new South Pacific powerhouse, and get their antennas ready. Last week during the ocean cliff DXpedition it was sounding like a DU big gun, even to the point of making it tough to track down other DU stations on 558 (although 6WA and 7BU did manage to get through). Some examples of its strength on the Oregon cliff last week are linked below.

1318z August 8th (Polynesian choral music)
https://app.box.com/s/6b2fxp2ai8p44t38fih4dn1meffzocxi

1323z August 8th (Polynesian choral music)
https://app.box.com/s/ca7tpo195gua5eayhc46evv9ix29e9oz

1310z August 9th (Polynesian choral music)
https://app.box.com/s/lrsxo24dkqaozmzn8zf5it13c1zfu6f5

1259z August 9th (Fiji the pest -- covering up the 2 kW Tasmanian station 7BU's classic rock -- except from 2:25 to 3:20 in the recording)
https://app.box.com/s/eetboe8o71kohmuxxrqhg88uwecklnm4

73 and Good DX, (Gary DeBock, Puyallup, WA, Aug 17, IRCA via DXLD)

** FINLAND [non?]. Netherlands / Finland -- Received eQSL from Radio Spaceshuttle dedicated to EDXC conference 2017 SDXL summer meeting 2017, Tampere.
http://ivanovpb.blogspot.ru/2017/08/radio-spaceshuttle-edxc-conference-2017.html
(Pavel Ivanov, Belgorod, Russia / "deneb-radio-dx" & "open_dx" via QSL World, Rus-DX August 20 published Aug 19 via DXLD)

Received eQSL Radio Spaceshuttle "EDXC conference 2017 SDXL summer meeting 2017, Tampere." 9 August 2017 / 1925-1930 UT / 9290 kHz. To look a card it is possible here -
http://rusdx.blogspot.ru/2017/08/eqsl-radio-spaceshuttle-edxc.html
(Anatoly Klepov, Moscow, Russia, QSL World, Rus-DX August 20 published Aug 19 via DXLD)

** FRANCE. 216 kHz. 8/15/17 0327z. RMC Monte Carlo in French. VG sigs in spite of atmospheric noise. F. hosting spoken-word program. 43141 sigs on peaks. Rx: ICF-2010 and three-foot inductively-coupled box loop (Steve Zimmerman, Location: 30 mi SW of Madison, WI, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** FRANCE [and non]. DWL and Voice of Independent Oromiya via TDF Issoudun, August 20
1600-1604 on 17850 ISS 250 kW / 130 deg to EaAf open carrier, dead air and then
1604-1609 on 17850 ISS 250 kW / 130 deg to EaAf English Deutsche Welle and then
1609-1630 on 17850 ISS 250 kW / 130 deg to EaAf Oromo Sun V of Independent Oromiya. Transmission is jammed by Ethiopia with very weak white noise digital jamming:
http://swldxbulgaria.blogspot.bg/2017/08/dwl-and-voice-of-independent-oromiya.html
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, dxldyg via DX LISTENING DIGEST)

So you are saying that Issoudun put DW on by mistake, then brought up VOIO late (gh, DXLD)

** FRANCE. {Japan / Taiwan / Algeria, etc.} For many years already from TDF Issoudun broadcast center are operating two faulty

transmitters which are foisting upon different clients. Together with fundamental sound (speech, music) there are non-stopping sounds which are like (similar as) the noise from tractors or maybe like frof [frog??] sounds.

I wrote that to Mr. Puetz, to TDF but they are mailing, lurking without any answer. By the way the idea of Kai Ludwig for satellite relay defect is not right because for example the transmission of NHK Radio Japan Tokyo at 0800-1000 UT on 15290 kHz is without "tractor, also at 0500-0600 UT, RTA Algiers on 7295 kHz is with "tractor" and on 9535 kHz at same time without, and etc. So the effect on NHK 11945 kHz and RTI on 11955 kHz at 1700-1800 UT is existing without any satellite problem (Rumen Pankov, Bulgaria, via WWDXC BC-DX TopNews Aug 15, via WORLD OF RADIO 1892, DXLD)

Yes - dear Rumen, dear Mr. P¸tz at MBR Cologne, noted today August 16 at 1725 to 1800 UT this unwanted TRACTOR BUBBLE audio signal, underneath the TDF Issoudun ALLISS outlet on 11955 kHz in 25 m band, during the relay transmission of Radio Taiwan International program in Russian language. On Perseus SDR screenshot the plus/minus 770 to 1150 Hertz tractor bubble dittering signal is visible.

see the enclosed jpg screenshot, see the two enclosed mp3 audio files, recorded today August 16 between 1725 and 1744 UT. Kind regards de (Wolfgang B¸schel, df5sx, wwdxc germany, WORLD OF RADIO 1892, DX LISTENING DIGEST)

Did 11945 kHz also have such and did it stop, when 11955 kHz stopped? Thanks (Mauno Ritola, Finland, ibid.)

Dear all, thanks for forwarding this mail. I will pass it to our colleagues in France. Best regards, (Michael Puetz, Sales Consultant, Business Unit Radio,
MEDIA BROADCAST GmbH
Erna-Scheffler-Strafle 1
51103 Cologne, Germany
Michael.Puetz@media-broadcast.com
http://www.media-broadcast.com

ENABLING MEDIA INNOVATION
Supervisory board: Christoph Vilanek (Chairman)
Executive board: Wolfgang Breuer (CEO), Wolfgang Kniese
Commercial register: District court Cologne, HRB 81139, Registered office: Cologne
Certified according ISO 9001:2008, ISO 14001:2004 and ISO 27001:2013, DX LISTENING DIGEST) See also TAIWAN [non]

11955, TDF Issoudun ALLISS 500 kW, Radio Taiwan International Russian,

+ unwanted Tractor bubble sound

1 Files MP3 NHK 11945 17-08-17 -1800 UT.mp3 709KB Save

Gentlemen, I cannot remember that I paid attention to this particular subject so far, let alone made any comments on it.

So far mentioned here are, if I do not overlook something, no transmissions that are handled through Media Broadcast. But probably the matter will be of interest there as well, since such transmissions could be affected, too.

The subject line of this mail could be misleading: TDF also still operates the last classic Issoudun transmitter complex, known as "Centre E", where they also set up the transmitters taken away from the Pori-Preiviiki [Finland] station after its closure. It's quite possible that the problem lies there.

Either way, the background noise could also tonight be noted on both 11945 and 11955 kHz simultaneously. Enclosed a recording of the former. It is, however, quite faint, hardly more than -30 dBr. Best regards, (Kai Ludwig, Aug 17, WORLD OF RADIO 1892, DX LISTENING DIGEST)

Thanks for the additional information, too. French colleagues are already checking the problem and try to find out a solution for this. Best regards, (Michael P¸tz, ibid.)

** GERMANY. Breaking News of New European Shortwave Radio Service. First antenna tests have taken place on 6160 kHz and the fitting of the appliances to the transmitting room is well under way. Thank you for the all the encouraging reports received for our tests on this channel. Remember: We are on a test phase at the moment, 3975 kHz will be switched on soon. Our test schedule is
1000-1200 on 6160 WIS 001 kW / non-dir to NWEu English Mon-Sat
1200-1400 on 3975 WIS 001 kW / non-dir to NWEu English Mon-Sat
1400-1600 on 6160 WIS 001 kW / non-dir to NWEu English Mon-Sat
1600-1800 on 3975 WIS 001 kW / non-dir to NWEu English Mon-Sat
1800-2000 on 6160 WIS 001 kW / non-dir to NWEu English Mon-Sat
2000-2200 on 3975 WIS 001 kW / non-dir to NWEu English Mon-Sat
http://swldxbulgaria.blogspot.bg/2017/08/breaking-news-of-new-european-shortwave.html
-- 73! (via Ivo Ivanov, Sofia, Aug 17-18, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** GERMANY. New additional transmission of DWD Deutscher Wetterdienst on August 18
1600-1630 6180 PIN 010 kW / non-dir CeEu German AM mode, 1615 dead air

http://swldxbulgaria.blogspot.bg/2017/08/new-additional-transmission-of-dwd.html

Weak signal of DWD Deutscher Wetterdienst on August 19:
1200-1230 on 6180 PIN 010 kW / non-dir to CeEu German in AM mode

Updated summer A-17 SW schedule of DWD Deutscher Wetterdienst is:
0600-0630 on 6180 PIN 010 kW / non-dir to CeEu German in AM mode
1200-1230 on 6180 PIN 010 kW / non-dir to CeEu German in AM mode
1600-1630 on 6180 PIN 010 kW / non-dir to CeEu German in AM mode
2000-2015 on 6180 PIN 010 kW / non-dir to CeEu German in AM mode
2015-2030 on 6180 PIN 010 kW / non-dir to CeEu German in AM mode
http://swldxbulgaria.blogspot.bg/2017/08/updated-summer-schedule-of-dwd.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

** GREECE. Reception of Voice of Greece on 9420 kHz and 9935 kHz, August 17-18:
1800-0900 9420 AVL 170 kW / 323 deg WeEu Greek*tx#3, & off air at 0930
from 1800 9935 AVL 100 kW / 285 deg WeEu Greek tx#1, no signal Aug.18!
* today relay Proto programa / First program, and no news in other languages.
http://swldxbulgaria.blogspot.bg/2017/08/reception-of-voice-of-greece-on-9420_18.html
-- 73! (Ivo Ivanov, Sofia, Aug 17-18, DX LISTENING DIGEST)

Reception of Voice of Greece on 9420 & 9935 kHz, Aug 21-22:
1800-0900 9420 AVL 170 kW / 323 deg WeEu Greek*tx#3, off air at 0915
1830-0900 9935 AVL 100 kW / 285 deg WeEu Greek*tx#1, off air at 0915
* news in Arabic 0650, Serbian 0656, Spanish 0808 and Russian 0907 UT
http://swldxbulgaria.blogspot.bg/2017/08/reception-of-voice-of-greece-on-9420_22.html
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, dxldyg via DX LISTENING DIGEST)

EIRT, Voice of Greece, 9420, ident in Greek by woman at 0000 UT followed by male with Greek songs with telescopic whip on my radio with volume turned right down, can still hear it at S2; volume turned up, beautiful quality reception and easy to listen to music, ident at 0016. 73 (Jon Collins, Birmingham UK, Aug 19, Tecsun PL-660, telescopic whip, DX LISTENING DIGEST)

** GUAM. Keep Guam in Prayer as Crisis Eases --- As North Korean threats of a missile attack appeared to cool this week, people on the Pacific island where TWR maintains a powerful shortwave station breathed a bit easier. Although North Koreaís leader indicated that he might change his mind and strike Guam anyway, an official of that U.S. territory reportedly described the islandís population as ìalmost ecstaticî about the decreased belligerence. TWRís major transmitting

station on Guam broadcasts the gospel daily to North Korea, where listeners face punishment for tuning into programs not approved by the government.

Read more about this geopolitical standoff and about specific ways you can pray for the people of Guam and North Korea and for TWR staff members working on the island to minister to listeners across Asia.
http://emailtrk.twr.org/ZSs4O00ET0000h0js30YVQL
Posted by: (Mike Terry, dxldyg via DXLD)

Haven`t the NK people got enough problems without trying to change their religion? (gh, DXLD)

** GUATEMALA. 4055, Aug 16 at 0619, R. Verdad carrier is still on after sign-off, S9 to S9+10 (Glenn Hauser, OK, DX LISTENING DIGEST)

** INDIA. AIR Live streaming --- Thanks very much to Jose for the following informative email received Aug 19:

Dear Ron, Hope you have surely seen AIR Live streaming channels info in their website.
http://allindiaradio.gov.in/Default.aspx
under LISTEN LIVE.

I would like to put into your notice (if you have not already noticed) that in the following cases these are parallel to SW Services:

Vividh Bharati: Bengaluru 9865
Urdu: 7250 7340 7520 9950 11620 (as per external service schedule)
Malayalam: 5010 7290 1161 Thiruvanthapuram, 576 Alappuzha,
1152 Kavaratti (ALTERNATING WITH Thiruvanthapuram FM 101.9)
Radio Kashmir Srinagar: 4950 6110
North Eastern Service Shillong: 4970 7310

Yours sincerely,
Jose Jacob, VU2JOS
National Institute of Amateur Radio
Raj Bhavan Road
Hyderabad 500082, India

Posted by: (Ron Howard, Aug 19, dxldyg via DXLD)

** INDIA. 4970, AIR Shillong, 1250, Aug 20. The usual Sunday "Country Roads" C&W music show with DJ in English; Kenny Rogers, "You Decorated my Life," etc.

INDIA/MONGOLIA[non-log]. 4895, on Aug 20, at 1155 and subsequent checking, found frequency free of either Mongolian Radio 2 nor AIR

Kurseong. The reactivation of Mongolia here was indeed very brief! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** INDIA. RADIO'S FORGOTTEN TECHNOLOGY IS BOOMING IN INDIA
Media companies are rushing to get new stations and talent on air
By Corinne Abrams and Debiprasad Nayak

MUMBAI -- As radio stations struggle in the West to attract new advertising and remain relevant in the internet age, India is in the middle of a belated radio revolution.

Hundreds of new radio stations are hitting the airwaves in the South Asian nation of 1.3 billion people and attracting a record amount of revenue, thanks to deregulation, small-town consumption and cheap cellphones with built-in FM receivers.

"Suddenly FM stations are being listened to," said Piyush Pandey, executive chairman for South Asia and India at ad agency Ogilvy & Mather, which now often recommends radio to clients who want to target specific regions or cities.

Radio has existed in India since the early part of the last century, but was largely limited to state programming until the 1990s. While New Delhi has slowly opened radio to more private-sector competition, the industry remains nascent. Its 313 commercial FM radio stations and state broadcaster made $416 million in revenue last year, according to data from PricewaterhouseCoopers LLP--a fraction of the $22 billion brought in last year by over 6,700 FM stations in the U.S., the largest radio market.

Still, radio revenue in India climbed 18% in 2016 from $352 million a year earlier and is expected to continue to grow, according to PwC. In the U.S., Japan and the U.K., revenue has averaged growth of less than 2% over the past four years, while growth in China and Brazil has been below 3%.

"I don't think anybody is seeing that anywhere in the world," said Apurva Purohit, president of media company Jagran Prakashan Ltd. , which has 39 stations across India.

As the market opens up, media companies are scrambling to start new stations and develop the content and talent to fill them. More than 70 stations launched in the year ended March 31, and another 90 are expected this fiscal year. The government will auction rights for 800 more stations in coming years, said one official.

The growth comes as companies look for ways to reach deeper into

India, to second- and third-tier cities that are in the middle of a consumption boom, and advertisers shift strategies.

After years of focusing on print and television, many ad agencies are returning to radio, saidAshish Bhasin, South Asia chief executive at global media group Dentsu Aegis Network. "We are relearning how to do creative for radio."

Indian brands like cellular company Bharti Airtel Ltd. and auto maker Mahindra & Mahindra Ltd. are being joined on radio by international names including Unilever NV, Toyota Motor Corp. and Uber Technologies Inc. Amazon.com Inc. is using new stations to customize its ad campaigns for India's many niche markets and languages. The company, for example, uses radio to promote its services during religious festivals that are celebrated in just one region, said Ravi Desai, director of marketing for Amazon in India.

But so far big international media giants haven't stepped into the market to set up their own stations. The lengthy FM auction and security-clearance processes, and government restrictions on foreign ownership and content have kept them at bay, said Girish Menon, a partner at KPMG in India.

The radio industry has been an unlikely beneficiary of the spread of cellphones. The least expensive and most popular phones usually have FM receivers and speakers, putting mini radios in the pockets of hundreds of millions of Indians. Only 20% of Indian households have radios, according to the 2011 census, while 53% have cellphones.

"We didn't really fight the mobile revolution. We grew with it," said Tarun Katial, chief executive of Reliance Broadcast Network Ltd., which has 61 stations across India.

To fill airtime, broadcasters are rushing to create more original content. With news still a state-radio monopoly, private stations are focusing on region-specific shows. In south India, many listeners want film-industry gossip, while in the northern part of the country, they prefer comedy, Jagran Prakashan's Ms. Purohit said. Stations offer poetry, horror stories and relationship advice. Broadcasters have also started schools and training centers for the radio disc jockeys and producers needed to fill the new slots.

Consumers seem to appreciate the choice. Autorickshaw driver Gurelal Patel, 32 years old, used to lug around cassettes to entertain customers and friends in his three-wheeled taxi in the central city of Nagpur. Now, his vehicle is kitted out with a booming FM sound system.

"Whenever I'm on the road, radio is my friend," he said. (WSJ Via Mike

Cooper, DXLD)

** INTERNATIONAL. CLANDESTINE BROADCASTS IN TIME ORDER

DX RE MIX NEWS # 1023 from Georgi Bancov and Ivo Ivanov. Date August 17, 2017 Also visit: <swldxbulgaria.blogspot.com> and <youtube.com/user/SWLDXBulgaria>

Summer A17 of clandestine broadcasts by time order as of August 17

Voice of Freedom
0000-0200 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt. 5920/5940/6020
Republic of Yemen Radio
0000-0300 on 11860 unknown tx / unknown to N/ME Arabic
Radio Republica
0100-0300 on 9490 ISS 150 kW / 285 deg to Cuba Spanish
Radio Payem e-Doost
0230-0315 on 7460 KCH 500 kW / 116 deg to WeAs Farsi
Voice of Kashmir
0230-0330 on 6030 DEL 100 kW / non-dir to SoAs Kashmiri
Denge Kurdistan
0230-0500 on 7350 ISS 250 kW / 090 deg to WeAs Kurdish
Radio Republica
0300-0400 on 9490 ISS 150 kW / 285 deg to Cuba Spanish Sun/Mon
Voice of Freedom
0300-0800 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt. 5920/5940/6020
Republic of Yemen Radio
0300-0900 on 11860 JED 050 kW / non-dir to N/ME Arabic
Radio Tamazuj
0330-0430 on 9600 SMG 250 kW / 146 deg to EaAf Juba Arabic
0330-0430 on 11650 MDC 250 kW / 340 deg to EaAf Juba Arabic
Eye Radio
0400-0500 on 11730 ISS 250 kW / 130 deg to EaAf Arabic/English*
*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho
Radio Dabanga
0430-0500 on 9600 SMG 250 kW / 146 deg to EaAf Juba Arabic
0430-0500 on 13800 MDC 250 kW / 340 deg to EaAf Juba Arabic
Radio Dandal Kura International
0500-0600 on 5960 ASC 250 kW / 070 deg to WeAf Kanuri
Denge Kurdistan
0500-1400 on 11600 KCH 300 kW / 130 deg to WeAs Kurdish
Echo of Unification
0430-0630 on 3966vCNG 005 kW / non-dir to NEAs Korean
0430-0630 on 5905 PYO 100 kW / non-dir to NEAs Korean
0430-0630 on 6250 PYO 100 kW / non-dir to NEAs Korean
Voice of The People

0530-2330 on 3480 K-S 050 kW / non-dir to NEAs Korean
0530-2330 on 3910 K-S 050 kW / non-dir to NEAs Korean, alt.3912
0530-2330 on 3930 K-S 050 kW / non-dir to NEAs Korean, alt.4557
0530-2330 on 4450 K-S 050 kW / non-dir to NEAs Korean
0530-2330 on 6520 K-S 050 kW / non-dir to NEAs Korean, alt.6518
0530-2330 on 6600 K-S 050 kW / non-dir to NEAs Korean
Radio Dandal Kura International
0600-0700 on 7415 ASC 250 kW / 070 deg to WeAf Kanuri
Echo of Hope
0600-2400 on 3985 HWA 100 kW / non-dir to NEAs Korean
0600-2400 on 4885 SEO 100 kW / non-dir to NEAs Korean
0600-2400 on 5995 HWA 100 kW / non-dir to NEAs Korean, alt.6003
0600-2400 on 6250 SEO 010 kW / 010 deg to NEAs Korean, alt.6248
0600-2400 on 6350 HWA 100 kW / non-dir to NEAs Korean
0600-2400 on 9100 SEO 010 kW / 010 deg to NEAs Korean
Radio Dandal Kura International
0700-0800 on 13810 DHA 250 kW / 255 deg to WeAf Kanuri
Voice of Kashmir
0730-0830 on 6100 DEL 250 kW / 134 deg to SoAs Kashmiri
Voice of Freedom
0900-1500 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt.
5920/5940/6020
Republic of Yemen Radio
0900-1800 on 11860 unknown tx / unknown to N/ME Arabic
Suab Xaa Moo Zoo, Voice of Hope
1130-1200 on 11570 TSH 100 kW / 250 deg to SEAs Hmong
Voice of Khmer M'Chas Srok
1130-1200 on 17860 TAC 100 kW / 122 deg to SEAs Khmer Thu/Sun
Voice of Tibet
1200-1210 on 11513 DB 100 kW / 095 deg to EaAs Chinese
1210-1230 on 11507 DB 100 kW / 095 deg to EaAs Chinese
Radio Que Me
1200-1230 on 9930 HBN 100 kW / 318 deg to EaAs Vietnamese Fri
Radio Free North Korea
1200-1300 on 15630 TAC 100 kW / 076 deg to NEAs Korean
Radio ERGO
1200-1300 on 17845 DHA 250 kW / 225 deg to EaAf Somali
National Unity Radio
1200-1500 on 11550 DB 100 kW / 071 deg to NEAs Korean
Echo of Unification
1230-1430 on 3966vCNG 005 kW / non-dir to NEAs Korean
1230-1430 on 5905 PYO 100 kW / non-dir to NEAs Korean
1230-1430 on 6250 PYO 100 kW / non-dir to NEAs Korean
Voice of Tibet
1230-1235 on 15533 DB 100 kW / 131 deg to CeAs Tibetan
1235-1305 on 15527 DB 100 kW / 131 deg to CeAs Tibetan
Shiokaze Sea Breeze
1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Chinese Mon

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Tue
1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Wed
1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs English Thu
1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Fri
1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Sat
1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Sun
Nippon no Kaze
1300-1330 on 9465 TSH 300 kW / 002 deg to NEAs Korean
1300-1330 on 9900 TSH 300 kW / 352 deg to NEAs Korean
1300-1330 on 9940 TSH 100 kW / 002 deg to NEAs Korean
Voice of Tibet
1300-1310 on 11507 DB 100 kW / 095 deg to EaAs Chinese
1305-1315 on 15522 DB 100 kW / 131 deg to CeAs Tibetan
1310-1330 on 11512 DB 100 kW / 095 deg to EaAs Chinese
1315-1335 on 15528 DB 100 kW / 131 deg to CeAs Tibetan
Shiokaze Sea Breeze
1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Mon
1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Tue
1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Wed
1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs English Thu
1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Fri
1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Sat
1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Sun
Furusato no Kaze
1330-1400 on 9705 TSH 300 kW / 002 deg to NEAs Japanese
1330-1400 on 9900 TSH 300 kW / 352 deg to NEAs Japanese
1330-1400 on 9950 TSH 100 kW / 002 deg to NEAs Japanese
Voice of Wilderness
1330-1530 on 7625 TAC 100 kW / 070 deg to NEAs Korean
Voice of Tibet
1335-1345 on 15522 DB 100 kW / 131 deg to CeAs Tibetan
1345-1400 on 15528 DB 100 kW / 131 deg to CeAs Tibetan
Denge Kurdistan
1400-1600 on 11600 KCH 300 kW / 116 deg to WeAs Kurdish
Voice of Tibet
1400-1405 on 15565 MDC 250 kW / 045 deg to CeAs Tibetan
1405-1410 on 15560 MDC 250 kW / 045 deg to CeAs Tibetan
1410-1430 on 15565 MDC 250 kW / 045 deg to CeAs Tibetan
Furusato no Kaze
1405-1435 on 7295 YAM 300 kW / 280 deg to NEAs Japanese
1430-1500 on 9450 TSH 300 kW / 352 deg to NEAs Japanese
1430-1500 on 9560 TSH 300 kW / 002 deg to NEAs Japanese
1430-1500 on 9960 HBN 100 kW / 345 deg to NEAs Japanese
Voice of Kashmir
1430-1530 on 6030 DEL 100 kW / non-dir to SoAs Kashmiri
North Korea Reform Radio
1430-1530 on 11570 TAC 100 kW / 076 deg to NEAs Korean
Radio Tamazuj

1430-1500 on 15150 ISS 250 kW / 138 deg to EaAf Juba Arabic
1430-1500 on 15550 SMG 250 kW / 150 deg to EaAf Juba Arabic
1500-1530 on 15150 MDC 250 kW / 340 deg to EaAf Juba Arabic
1500-1530 on 15550 SMG 250 kW / 150 deg to EaAf Juba Arabic
Nippon no Kaze
1500-1530 on 7335 TSH 300 kW / 352 deg to NEAs Korean
1500-1530 on 9900 TSH 300 kW / 002 deg to NEAs Korean
1500-1530 on 9975 HBN 100 kW / 345 deg to NEAs Korean
Radio Al-Mukhtar
1500-1558 on 15205 ISS 100 kW / 125 deg to EaAf Arabic Tue
Radio Voice of Adal, inactive at present
1500-1530 on 15205 ISS 100 kW / 125 deg to EaAf Arabic Wed/Sat
Radio Warra Wangeelaa-ti
1500-1530 on 15515 SCB 050 kW / 195 deg to EaAf Afan Oromo Sat
Living Water Ministry Broadcasting
1500-1600 on 9650 PUG 250 kW / 000 deg to NEAs Korean Tue-Thu
Radio Voice of Adal, inactive at present
1530-1558 on 15205 ISS 100 kW / 125 deg to EaAf Tigrinya Wed/Sat
Nippon no Kaze
1530-1600 on 7335 TSH 300 kW / 352 deg to NEAs Korean
1530-1600 on 9685 TSH 300 kW / 002 deg to NEAs Korean
1530-1600 on 9965 HBN 100 kW / 345 deg to NEAs Korean
Radio Dabanga
1530-1600 on 15150 MDC 250 kW / 340 deg to EaAf Juba Arabic
1530-1600 on 15550 SMG 250 kW / 150 deg to EaAf Juba Arabic
Voice of Martyrs
1530-1700 on 7525 TAC 100 kW / 076 deg to NEAs Korean
Shiokaze Sea Breeze
1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Chinese Mon
1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Tue
1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Korean Wed
1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs English Thu
1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Korean Fri
1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Sat
1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Korean Sun
Furusato no Kaze
1600-1630 on 7335 TSH 300 kW / 352 deg to NEAs Japanese
1600-1630 on 9470 TSH 300 kW / 002 deg to NEAs Japanese
1600-1630 on 9960 HBN 100 kW / 345 deg to NEAs Japanese
Radio Ranginkaman/Radio Rainbow
1600-1630 on 7575 KCH 500 kW / 116 deg to WeAs Farsi Mon/Fri
Radio Xoriyo Ogaden
1600-1630 on 17630 ISS 500 kW / 130 deg to EaAf Somali Tue/Sat
1600-1630 on 17870 ISS 500 kW / 130 deg to EaAf Somali Mon/Fri
Radio Voice of Independent Oromiya
1600-1630 on 17850 ISS 250 kW / 130 deg to EaAf Oromo Sun
Denge Kurdistan
1600-1930 on 11600 ISS 250 kW / 090 deg to WeAs Kurdish

Eye Radio
1600-1900 on 17730 ISS 250 kW / 130 deg to EaAf Arabic/English*
*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho
Voice of Freedom
1600-2000 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt.
5920/5940/6020
Shiokaze Sea Breeze
1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Mon
1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Tue
1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Wed
1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs English Thu
1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Fri
1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Sat
1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Sun
Nippon no Kaze
1630-1700 on 7335 TSH 300 kW / 352 deg to NEAs Korean
Radio Sagalee Qeerroo Bilisummaa
1630-1658 on 17840 ISS 250 kW / 130 deg to EaAf Oromo Tue/Thu/Fri
Furusato no Kaze
1700-1730 on 6155 TSH 300 kW / 352 deg to NEAs Japanese
Dimtse Radio Erena
1700-1730 on 11965 SCB 050 kW / 195 deg to EaAf Tigrinya Mon-Fri
Voice of Oromo Liberation
1700-1730 on 15420 NAU 100 kW / 139 deg to EaAf Afan Oromo Wed/Fri/Sun
Dimtse Radio Erena
1730-1800 on 11965 SCB 050 kW / 195 deg to EaAf Arabic Mon-Fri
Voice of Oromo Liberation
1730-1800 on 15420 NAU 100 kW / 139 deg to EaAf Amharic Wed
Dimtse Radio Erena
1700-1800 on 11965 SCB 050 kW / 195 deg to EaAf Tigrinya Sat
1700-1800 on 11965 SCB 050 kW / 195 deg to EaAf Arabic Sun
Radio Publique Africaine
1800-1830 on 15480 ISS 250 kW / 145 deg to SoAf Kirundi
Radio Payem e-Doost
1800-1845 on 7480 KCH 500 kW / 116 deg to WeAs Farsi
Radio Itahuka
1800-1900 on 15420 MDC 250 kW / 320 deg to SoAf Kirundi Sat
Radio Dandal Kura International
1800-2100 on 12050 ASC 250 kW / 065 deg to WeAf Kanuri
Republic of Yemen Radio
1800-2300 on 11860 JED 050 kW / non-dir to N/ME Arabic
Lutheran World Federation/Voice of Gospel/Sawtu Linjilia
1830-1858 on 15315 ISS 500 kW / 180 deg to WCAf Fulfulde
Radio Publique Africaine
1830-1858 on 15480 ISS 250 kW / 145 deg to SoAf French
Denge Kurdistan
1930-2100 on 11600 KCH 300 kW / 116 deg to WeAs Kurdish
North Korea Reform Radio

2030-2130 on 7500 TAC 100 kW / 076 deg to NEAs Korean
Voice of Freedom
2100-2400 on 6135 HWA 010 kW / non-dir to NEAs Korean,
alt.5920/5940/6020
Echo of Unification
2230-0030 on 3966vCNG 005 kW / non-dir to NEAs Korean
2230-0030 on 5905 PYO 100 kW / non-dir to NEAs Korean
2230-0030 on 6250 PYO 100 kW / non-dir to NEAs Korean
Suab Xaa Moo Zoo, Voice of Hope
2230-2300 on 7530 TSH 100 kW / 250 deg to SEAs Hmong
Voice of Tibet
2300-2305 on 7492 DB 100 kW / 131 deg to CeAs Tibetan
2305-2335 on 7493 DB 100 kW / 131 deg to CeAs Tibetan
2335-2400 on 7487 DB 100 kW / 131 deg to CeAs Tibetan
Republic of Yemen Radio
2300-2400 on 11860 unknown tx / unknown to N/ME Arabic

http://swldxbulgaria.blogspot.bg/2017/08/dx-re-mix-news-1023.html
-- 73! (Ivo Ivanov, DX LISTENING DIGEST)

** INTERNATIONAL VACUUM. QUANTUM SATELLITE SHATTERS ENTANGLEMENT RECORD -- Intertwined photons were beamed to two Chinese cities 1,200 kilometers apart === By Emily Conover, 2:00pm, June 15, 2017

illustration of Micius satellite
QUANTUM CONNECTION Using the quantum-communications satellite Micius (illustrated), researchers successfully sent entangled photons to two cities in China. The result paves the way for a future worldwide quantum network. Jian-Wei Pan [caption]

Magazine issue: Vol. 192 No. 1, August 5, 2017, p. 14

Particles of light born in space have connected two cities via a quantum link about 10 times longer than any created before.

A quantum-communications satellite beamed photons to Earth, separating them by more than 1,200 kilometers. The feat showed that the particles of light can retain a strange type of interconnectedness, known as quantum entanglement, even when flung to opposite ends of a country, researchers from China report in the June 16 Science. The previous distance record was about 100 kilometers (SN: 6/30/12, p. 10). Launched in 2016, the one-of-a-kind satellite is laying the groundwork for a space-based network of quantum communication.

ìItís a huge achievement for quantum entanglement and quantum science,î says physicist Thomas Jennewein of the University of Waterloo in Canada.

Scientists have previously beamed photons up to a satellite and back again (SN Online: 6/5/16), but those particles were not entangled. Until now, no one had distributed entangled particles from space. ìChina is now clearly taking the world leadership in this area of quantum communication,î Jennewein says.

The technique is expected to have major technological applications. ìThis experiment is really important for the development of a future quantum internet,î says Anton Zeilinger, a physicist at the University of Vienna. Such a network would allow for ultrasecure communications and could connect quantum computers across the globe (SN: 10/15/16, p. 13).

An ethereal bond between two particles, entanglement is the most essential ingredient of a quantum network. Entangled particles canít be described independently; instead, they form one unit, even when separated by large distances. Measuring one entangled particle immediately reveals the state of the other. To perform quantum communication, scientists send entangled photons from place to place. But photons can only travel so far through air or optical fibers before the material absorbs the particles, limiting the distance over which communication is possible. In the emptiness of space, however, photons can travel much farther.

Using the satellite, named Micius after an ancient Chinese philosopher, the researchers beamed intertwined photon pairs down to the cities of Delingha in northern China and Lijiang in southern China. There, telescopes aimed at the satellite detected the particles. To confirm that the particles were entangled, and that the weird qualities of quantum mechanics held, the researchers used the photon pairs to perform a Bell test (SN: 9/19/15, p. 12), which analyzes correlations between the two particles. The test reconfirmed the odd physics of the supersmall, at a larger distance than ever before.

To perform the experiment, the researchers had to update their quantum equipment to make it work in space. That technological achievement is amazing, says physicist Harald Weinfurter of Ludwig-Maximilians-Universit‰t in Munich. ìIt's a huge step from the laboratory experiments to equipment which really works on a satellite,î he says. In space, sensitive components must deal with inhospitable conditions such as fluctuating temperatures and vibrations. Plus, to fit on the satellite, the whole package must be small and lightweight.

Detecting the photons is likewise daunting. Beacon lasers helped researchers point the ground-based telescopes in the right direction to catch the photons, as the satellite zipped past, 500 kilometers above Earthís surface. The accuracy the researchers achieved is like

pinpointing a human hair on the ground from the top of the Eiffel Tower.

In the future, researchers suggest, quantum entanglement will be an important resource for communicating across the globe. ìToday we pay bills: electrical bills, water bills,î says coauthor Chao-Yang Lu, a physicist at the University of Science and Technology of China in Hefei. With quantum entanglement such a basic requirement of quantum communication, ìmaybe someday we will need to pay some entanglement bills.î (via WORLD OF RADIO 1892, DXLD)

Note: this online version is not identical to the one in the print magazine; the last graf for example has been changed (gh, DXLD)

** INTERNATIONAL VACUUM. Space 1977
This amazing programme is now available online:
BBC World Service Science Special ---

VOYAGER 1 AND 2: STILL OPERATING AFTER 40 YEARS IN THE DEPTHS OF SPACE

Voyager 1 is currently some 20 billion kilometres from Earth travelling at 15.5 kilometres a second. It takes 19 hours for a signal from the spacecraft's 20 watt transmitter to reach home.

Voyager 2 is 17 billion kilometres away and will soon leave the Solar System.

Launched in 1977, the twin spacecrafts have explored the giant planets and their strange moons, investigated the boundary of the Solar System and changed how we see our place in the Universe. The probes even carry a message for aliens in the form of a golden record.

Retired NASA astronaut Ron Garan meets many of the original team still working on the mission, nursing the twin spacecraft through their final years.

Space 1977, Science Special - BBC World Service
http://www.bbc.co.uk/programmes/w3csvntg
(via Mike Terry, dxldyg via DXLD)

** INTERNATIONAL WATERS [non]. Caribbean Emergency and Weather Net was Activated for Tropical Storm Harvey --- ARRL 08/19/2017
http://www.arrl.org/news/caribbean-emergency-and-weather-net-was-activated-for-tropical-storm-harvey

The Caribbean Emergency and Weather Net (CEWN)
http://cewn.org/
activated this week on 3.815 MHz for Tropical Storm Harvey, located in

the Eastern Caribbean. The National Hurricane Center (NHC)
http://www.nhc.noaa.gov/
in Miami is advising interests in the Caribbean Sea and adjacent land areas of eastern Central America and northern South America to monitor the stormís progress.

ìThe storm has gone over Barbados,î an August 18 post from Frans van Santbrink, J69DS, on the CEWN website reported. ìSo far, minor situations reported via the CEWN. More reports we are sure to come. It is aiming at Saint Lucia at this point, we all hope for no development till it is well past us also. Be safe, stay dry.î

As of 1445 UT, the Hurricane Watch Net (HWN)
http://www.hwn.org/
was at Alert Level 2 (monitoring mode), noting that a tropical cyclone has been named and forecast to threaten land within the HWN area of interest.

As of 0900 UT, Tropical Storm Harvey was moving toward the west at nearly 21 MPH, on a track that will take the storm across the eastern and central Caribbean Sea over the weekend. Maximum sustained winds remain near 40 mph, with higher gusts. Some strengthening is forecast during the next 48 hours, the NHC said, adding that locally heavy rain could occur today over Aruba, Bonaire, Curacao and the offshore islands of northern Venezuela.

Region 2, Area E Emergency Coordinator Jeff Austin, 9Y4J, reported that the net activated on August 17 at 2230 UT on 3.815 MHz and, as necessary, on 7.162 MHz. 8P6JB, J69B, and J69BB served as initial net control stations, with coverage extending overnight and into the next day. The CEWN shut down on August 18 at 1600 UT, after the Barbados Bureau of Meteorology announced an ìall clearî status.

According to Region 2 Emergency Coordinator Cesar Pio Santos, HR2P, Austin relayed initial reports of flooding and wind damage in Barbados, but no injuries or deaths. Region 2, Area C Emergency Coordinator Arnie Coro, CO2KK, reported that hams in Cuba are monitoring the CEWN frequencies and that ìthey are attentive by any link that they can provide, since in the East of Cuba the radio signals with the neighboring islands are very goodî (via Mike Terry, Aug 20, dxldyg via WORLD OF RADIO 1892, DXLD)

** IRAN [and non]. BBC WORLD SERVICE DIRECTOR CALLS ON IRANIAN
AUTHORITIES TO REVERSE ASSET FREEZE ON BBC STAFF
Date: 15.08.2017 Last updated: 15.08.2017 at 12.02
http://www.bbc.co.uk/mediacentre/latestnews/2017/bbc-world-service-iran

The Director of the BBC World Service has called on the Iranian

authorities to reverse a new order which appears effectively to freeze the assets of BBC staff in Iran, preventing them from selling or buying property, cars and other goods.

BBC World Service Director Francesca Unsworth says: ìWe deplore what appears to be a targeted attack on BBC Persian staff, former staff, and some contributors. It is appalling that anyone should suffer legal or financial consequences because of their association with the BBC. ìWe call upon the Iranian authorities to reverse this order urgently and allow BBC staff and former staff to enjoy the same financial rights as their fellow citizens.î

The BBCís Persian Service is banned in Iran and BBC Persian staff and their families routinely face harassment and questioning from the authorities. Despite the ban, the latest figures show the BBC World Service has an audience of 13m in Iran, making it BBC Newsí seventh biggest market worldwide (via Dr Hansjoerg Biener, DXLD)

** JAPAN. 6055, R Nikkei 1 at 1115. Program of trance music. Long long cuts of music before happy talk M and W in Japanese after the bottom of the hour. Good; Steady. Noted 3925 // not coming thru. August 19. 73 and Good Listening! (Rick Barton, Sun City/Peoria Arizona, dxldyg via DX LISTENING DIGEST)

** JAPAN. 11825, Aug 22 at 0656, weak talk at S5-S2, can`t tell language, but it`s NHK direct from Yamata in Japanese at 0655-0800 (Glenn Hauser, OK, DX LISTENING DIGEST)

** KASHMIR [non]. BTW - Azad Kashmir Radio, on 7265, has not been heard for a long time now, during the QRM free time of 1215+ (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST) See CHINA: 7270

** KOREA NORTH [non]. Reception of Voice of Martyrs via BaBcoCk Tashkent on August 17:
1530-1700 7525 TAC 100 kW / 076 deg NEAs Korean/English, weak to fair
http://swldxbulgaria.blogspot.bg/2017/08/reception-of-voice-of-martyrs-via.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

** KOREA SOUTH [non-log]. Voice of Freedom, on Aug 20, no signal at all from them at 1203 and subsequent checking through 1344.

6135, the recent frequency used by VOF; just the normal white noise jamming, but clearly no VOF.

5920, first day I have found this frequency clear of the usual North Korea pulsating noise jamming, but VOF also not here; a clear

frequency.

5940, clear frequency.

6020, only hearing the usual Vietnam.

Unusual for VOF to be off the air! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

New frequency of 6045, Voice of Freedom (presumed), on Aug 21, noted strong reception (not jammed), with programming that certainly was consistent with VOF; 1001 and subsequent monitoring till 1304. Segments with announcers chatting, dramatic monologues, pop songs, dramatizations, etc. My five minute audio -
http://goo.gl/VBj7rq

Today VOF, as I noted yesterday, clearly not on 6135, 5920, 5940 nor on 6020. Thanks to Amano and Hiroyuki Komatsubara for their confirmation of this new frequency (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

New unregistered frequency for Voice of Freedom:
0300-0800 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135
0900-1500 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135
1600-2000 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135
2100-0200 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135
Alternative frequencies 5920 & 6020 registered, 5940 unregistered
http://swldxbulgaria.blogspot.bg/2017/08/new-unregistered-frequency-for-voice-of.html
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

Hi Glenn, Perhaps the change in frequency is related to the increased military activity that started on Monday?

"SEOUL, South Korea ó The United States and South Korea began their annual joint military exercises on Monday . . . "
http://goo.gl/7VCh8M

VOF was again on 6045 today (Aug 22) and still in the clear with no jamming. Very strong signal here on the coast (Ron Howard, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** KOREA SOUTH [and non]. Additional 2 frequencies of KBS World Radio registered on August 16
1400-1600 NF 9785/9835 KIM 250 kW / 264 deg to SoAs English to be replaced 9880*

* 15-16 co-ch 9880 XIA 500 kW / 292 deg to CeAs Russian China Radio International
http://swldxbulgaria.blogspot.bg/2017/08/additional-two-frequencies-of-kbs-world.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via DX LISTENING DIGEST)

** KOREA SOUTH. Hi Glenn, According to their web site, KBS will be conducting test transmissions of the English service as follows:

For Europe	9515 kHz	1500-1600 UT	August 21, 22, 23
For South-East Asia	9770 kHz	0800-1030 UT	August 21, 22, 23
For India	9835 kHz	1400-1700 UT	August 21, 22
For India	9785 kHz	1400-1700 UT	August 23, 24

At the beginning of September, they will increase the amount of English programming in production from 2 hours to 5 hours per day. This will be the most dramatic change in programme format for decades. In a surprise move, their weekly 'letterbox' show, "Listeners' Lounge" will also be cancelled. If the above will be the only extra hours on short wave, it looks as though the other programming may only go out on their web streaming service. The revised short wave schedule will appear in a few weeks. Best regards, (Alan Holder, Isle of Wight, U.K., Aug 17, WORLD OF RADIO 1892, DX LISTENING DIGEST)

KBS World Radio in English is carrying out test transmissions next weak
0800-1030 9770 KIM 250 kW / 225 deg to SEAs English August 21-23, additional program
1400-1600 9835^KIM 250 kW / 264 deg to SoAs English August 21-22, instead of 9880
1400-1600 9785#KIM 250 kW / 264 deg to SoAs English August 23-24, instead of 9880
1500-1600 9515*KIM 250 kW / 285 deg to WeEu English August 21-23, additional program

^1400-1600 9835 KAJ 100 kW / 093 deg to SEAs Malaysian RTM Sarawak FM
#1400-1527 9785 KUN 150 kW / 191 deg to SEAs Thai/Lao China Radio Int.
*1500-1600 9515 BEI 100 kW / 163 deg to EaAs Chinese China Nat.Radio-2
http://swldxbulgaria.blogspot.bg/2017/08/kbs-world-radio-in-english-is-carrying.html
-- 73! (Ivo Ivanov, Sofia, Aug 17-18, DX LISTENING DIGEST)

** KYRGYZSTAN. KYRGYZ REPUBLIC, 4010.020 (fq seemingly little lower again) Kyrgyz Radio 1, Bishkek, Krasnaya Rechka, in Russian (!) language, male presenter endless talk at 0116 UT on Aug 20. S=8-9 or -79dBm signal observed in southern Germany.

Nothing noted on 4819v other Bishkek channel tonight. Some morning

logs this Aug 20 at 0045 to 0200 UT, logged here in southern Germany Europe: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews Aug 20, dxldyg via DXLD)

** MEXICO. 710, August 20 at 1133, promo news show lunes a viernes 5:40-6:45 am, on ``La Ranchera de CuauhtÈmoc, 89.7 FM``, XEDP jingle and back to music. Dominant signal now.

620, Aug 20 circa 1135, no sign of XEBU, Chihuahua2, tho other NW Mexicans are in on 550, 650, 710, etc. So wonder if it`s still on AM? (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. 1060, XERDO La Raza 1060, Reynosa, Tamaulipas. 1101 August 12, 2017. Following up on my fake ID log (second anthem following XEEP's anthem), dominating today with anthem in progress followed by male "XERDO, La Raza 10-60" into Mexi-tunes, with canned "La Raza 10-60" between songs. Very weak anthem underneath from 1102, which would be a reverse fake ID for XEEP since there's only two Mexicans on 1060 kc/s (Terry L Krueger, Clearwater FL, NRD-535, IC-R75, longwires, active loop, DX LISTENING DIGEST)

** MEXICO. 1560, XEJPV, R. Deportiva 1560 AM, Cd. Juarez, Chih. AUG 9 1200 - XE anthem, followed by ID at 1201:30: "Escucha XEJPV, Radio Deportiva 1560 AM, transmitiendo con mil wats de potencia desde Chapultepec 316, Colonia CuauhtÈmoc, Edificio Megaradio, con lo mejor...? informaciÛn deportiva de la frontera, MÈxico, y el mundo..."; this was followed by what sounded like a health talk show, hosted by a soft-spoken gal who was hard to understand; many mentions of "alimentos," alimentaciÛn," etc. This 1000-watt station was losing steam and I lost it at 1210 UT.

Also heard the day before at the same time with the same sequence, following a Billy Joel song, at the same times but with poorer copy and not much readable except the new slogan. This may have been the first day of broadcasting with the new slogan and format (ex-R. Viva). According to an article I saw online, AUG 8 was the formal inauguration of R. Deportiva 1560, with the mayor and numerous local sporting officials in attendance. The new format will air sports and related programs such as fitness and health (John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop, NRC International DX Digest via DXLD)

** MEXICO. RAYMIE`S MEXICO BEAT this week --- [no TV]

A few odds and ends items:

-Multimedios Radio found a better use for its 1450 AM station than simulcasting XET-FM; give it to a private university. U-ERRE (the public name of the Universidad Regiomontana) relaunched XEJM-AM as U-

ERRE Radio recently. As XEJM went on air in 1957 and the university was founded in 1969, their station is older than the institution itself.

-Animal PolÌtico has another great report on El Fantasma. There are some real gems in that item.
http://www.animalpolitico.com/2017/08/el-magnate-de-los-medios-en-centro-y-udamerica-extiende-su-red-de-television-por-mexico/
(Raymie Humbert, Phúnix AZ, Aug 16, WTFDA Forum via DXLD)

Puerto Vallarta is still going after 20 rounds of bidding.
http://www.ift.org.mx/sites/default/files/industria/espectro-radioelectrico/television/2016/6/reportevigesimarondasubsecuente.pdf

One of the bidders has to be CompaÒÌa PeriodÌstica Sudcaliforniana. But who is giving them such a run for their money?

EDIT: We'll never know, because that's who won in the 21st round and will pay over 20 million pesos.

Last edited by Raymie; 08-17-2017 at 08:23 PM (Raymie, Aug 17, ibid.)

Is Telsusa the television version of Tecnoradio?

Legislators and a former head of Cofetel are calling on the IFT, who previously had said they didn't have the necessary elements to disqualify Telsusa from IFT-6, to take a look at the auction.
http://www.eluniversal.com.mx/nacion/politica/legisladores-revisen-caso-de-el-fantasma
IFT officials could be summoned to appear before legislative committees in the Chamber of Deputies and in the Senate.
(Raymie, Ajug 18, ibid.)

Some people in the Orizaba-CÛrdoba area of Veracruz might be noticing it's getting hot, or rather, it's getting Caliente...
https://www.facebook.com/LaCaliente895FM/
XHFTI-FM has evidently flipped to La Caliente as of Thursday (Raymie, Aug 19, ibid.)

And the winner of the touted Mexico City There's Only One Commercial Radio Station Migrating Sweepstakes Is... *drumroll please*...

...XEINFO!?!?!?!?!?!?!?!?
http://www.dineroenimagen.com/2017-08-21/89996

Hoo boy. The IFT has some explaining to do on this one. At least Radio EducaciÛn will be pacified.

Edit: El Economista says 105.3, XHINFO-FM,
http://eleconomista.com.mx/industrias/2017/08/21/radio-fm-ciudad-mexico-tendra-nuevo-concesionario-1053
and Radio EducaciÛn on 96.5.
Last edited by Raymie; 08-21-2017 at 07:16 PM (Raymie, Aug 21, ibid.)

XHCVP often goes unnoticed, but it might be the most important social wolf of them all. Which is why Gabriel Sosa Plata's weekly column
http://www.sinembargo.mx/22-08-2017/3290057
with detail on XHCVP (and the other preexisting operations of Remigio ¡ngel Gonz·lez Gonz·lez in Mexico) is among the best pieces this year. It also mentions that Francisco Javier S·nchez Campuzano was a partner in Gonz·lez's station business between 1979 and 1987.

As to XHCVP, it's mentioned that Juan Hillman Hillman, the original legal representative of XHCVP when it was awarded in 1985, had just come off a three-year term as Municipal President of Coatzacoalcos.

It can't be encouraging for the marketplace that this guy has a reputation of low-grade content, a unique coziness and ability to make power players elsewhere in his massive Latin American media empire (he helped raise the profile of Otto PÈrez Molina, the president of Guatemala who was later impeached, removed from office and now is in jail).

If XHCVP airs commercials, any commercials, from XHTVL, it would be violating the terms of its concession. Its 2016 social concession states...

"El objeto de la concesiÛn es el uso y aprovechamiento de bandas de frecuencias del espectro radioelÈctrico para la prestaciÛn del servicio de radiodifusiÛn seÒalado, sin fines de lucro para el cumplimiento de sus fines y atribuciones, por lo que, en ning˙n caso, podr·n utilizarse las bandas de frecuencias seÒaladas en el presente tÌtulo para fines distintos." (emphasis mine)
óóó

It's time to figure out who's moving to FM and who's not.
http://www.ift.org.mx/comunicacion-y-medios/comunicados-ift/es/el-ift-concluye-la-notificacion-de-las-resoluciones-que-asignan-41-frecuencias-de-fm-diversas

Of the 41 second-wave migrants, eight have yet to be determined. The lucky stations for those final 8 frequencies will be selected by lottery sometime before the end of the month. In all but one case (Reynosa, XEOQ vs. XEGH), the choice is between multiple stations of the same cluster.

There were 96 applications filed of which 13 did not respond in a

timely manner to continue their application.

They're listed by economic group, which makes it a little harder to figure out what's going on, but in some cases, it's evident.

Radiorama/Megacima (including regional partners)
RR and affiliates take home 8 new FMs:

3 in Nogales
3 in Nuevo Laredo
1 in Cacalomacan (Toluca), Edomex (XEQY)
1 in San Bernardino Tlaxcalancingo, Pue. (XEZAR)
One Reynosa station will also be migrating from within this group.

Grupo FÛrmula
FÛrmula adds to its FM stable with new stations each at Guadalajara, Guadalupe-Monterrey, Nuevo Laredo (XENLT), and Nogales (XEHF).

Grupo ACIR
As predicted, ACIR comes away a migration winner with new FMs for the Guadalajara and Monterrey areas (XEMIA and XEOK).

Garza family
A family picks up one station at Guadalupe-Monterrey and one at Ciudad Camargo, Tamps. XEZD is the only radio station on AM in Camargo. It's unclear which Monterrey AM is being referenced.

Grupo Garza PeÒa
Picks up the Matamoros allocation and has a chance at Reynosa in a drawing against Ernesto Montemayor Ibarra (XEGH).
This is known more commonly as Grupo Gape (notice the abbreviation) and would be XEO (Matamoros) and XEOQ (Reynosa).

MÈxico Radio (ABC)
One of its Mexicali stations, along with one of its Guadalajara stations, will be selected to migrate. They also obtained migration for XEEG, in Puebla.

Grupo Radio Centro
One of GRC's Guadalajara stations, and two of the OIR stations in San Luis RÌo Colorado, will migrate.

Televisa Radio
XEWA Monterrey and one Guadalajara station will move from this group. Note the sale of XEBA-AM, so XEHL-AM (occupied by Radio MarÌa) and XEZZ-AM are probably the two stations with a chance to move.

Capital Media
Capital gets on the board and will migrate XECH to the FM band.

Antonio Gallegos
One station in Ciudad Miguel Alem·n, Tamaulipas. This is XEHI.

Eduardo Villarreal MarroquÌn
One station in Nuevo Laredo, which is XEK.

El Heraldo Fronterizo
Hark! the herald angels sing
XEWD is moving

Boone Menchaca family (MegaRadio)
One Guadalajara-area station, XESP-AM.

Gallegos family
XERI-AM, Reynosa.

Grajales FarÌas family
XECD-AM 1170, of Grupo Radio Oro.

Henkel family
XEINFO Mexico City. Is this really a separate economic group?

PÈrez RamÌrez family (Promomedios)
One station, either XEAAA or XEBBB, guessing the latter.

JosÈ Asef Hanan Badri
XEPA in Puebla.

Radio Principal, S.A. de C.V.
XEZT in Puebla.

Raso Arcaute family
Picking up the lone available slot in central Guanajuato is XEZH Salamanca.

RubÈn Hern·ndez
Guadalajara; this is XEGDL.

SecretarÌa de Cultura
Radio EducaciÛn Mexico City, the only new FM noncom created in this process.

Last edited by Raymie; 08-22-2017 at 04:40 PM (Raymie, Aug 22, ibid.)

XHPVAT-88.3 in MaravatÌo, Michoac·n is now on air

https://www.radiosensitiva.com/
as Sensitiva 88.3. One of the new stations derived from IFT-4.
(Gargadon, Ciudad del Carmen, Campeche, Aug 23, ibid.)

That's the first one! It's owned locally by Mr. Pool Music.

EDIT: Looks like they were on literally days after getting their concession and that they might have operated before as a pirate. I can't explain the reviewers on Facebook mentioning the station as being "de regreso" otherwise. That makes two ex-pirates that went legal in IFT-4.
Last edited by Raymie; 08-24-2017 at 12:08 AM (Raymie, Aug 24, ibid.)

Actually yes, the person that told me about Sensitiva 88.3 said that station was a pirate in another frequency before. Even in their actual ID they not mention their address (typical from a former pirate). But I think last one is normal. Ke Buena IDs for XHTH, XHESE and XHESC don't mention address, only callsign, ERP and city (Gargadon, Aug 24, ibid.)

Yeah, they don't have a full ID and I listened for quite some time. These don't even have the ERP (XHPVAT is class A so the maximum ERP could be 3 kW).

Mr. Pool Music does have an address in their concession, which is near a school:
Plazuela Hidalgo, n˙mero 123, San Miguel Curahuango, MaravatÌo, Michoac·n

They are also running some government spots so it appears they have hooked up to the DDIM system as well. DDIM5 is being rolled out right now.
    ááá
On the topic of second-wave migration, Reporte Indigo today had the best story I've read so far, titled "Breaking Their Own Law".
http://www.reporteindigo.com/reporte/mexico/migracion-frecuencias-radiofonicas-omision-reglas-ift-irregularidades

Keep in mind their owners have an ax to grind á *Capital Media was one of the parties shut out from a Mexico City migration by the decision to consider XEINFO separate from Grupo Radio Centro

[tagline:] Este programa es p˙blico, ajeno a cualquier partido polÌtico. Queda prohibido el uso para fines distintos a los establecidos en el programa (Raymie, Aug 24, ibid.)

** MOLDOVA. See PRIDNESTROVYE

** MONTSERRAT. [Re 17-33] Re DWL Montserrat / ANTIGUA common BBC project. From the archive

ex VOA / DWL engineer technician Bernd Prasse DJ5DC, born in 1939, from Heilbronn-Flein Germany died after stroke and then myocardial infarction in October 2013.

Often I talked / discussed to him during our anual local ham radio flea market, about his professional life on VoA Munich, Monrovia Liberia, and on Deutsche Welle Cologne, mayby also on duty at Montserrat together with engineer Mr. S.

From: "Wolfgang Bueschel_web" Sunday, March 21, 2004:

On Saturday I visited the annual local ham radio flea market. I met with an old friend, DJ5DC Bernd Prasse, who sold two WRTH's of 1965 and 1966 for an unbelievable price of 2.50 EUR each. The books are in excellent shape, like NEW! That is a refill the gap on my bookshelf in between, now the row is continuing from 1959 to 2004.

Bernd DJ5DC started once his career at AFN Stuttgart 1106 kHz and VoA Munich in about 1958 - as engineer for the 35 kW feeder units at Ismaning towards Tangiers, Thessaloniki and Rhodes, as well as the old Marconi-Tesla-Slavia Prague 75 kW maximum transmitters of Deutsche Reichspost era (scheduled as 100 kW, but never reached that level).

Cross-Atlantic feeder signal was received at VoA receiving station Ueberacker west of Munich these days and re-transmitted towards Tangiers MRC and Rhodes/Saloniki GRC.

And was on duty amongst others the Monrovia, Liberia relay site. Later on, Bernd Prasse was on duty for Deutsche Welle in Sines Portugal relay site, DWL Malta relay, and as long timer in DWL Kigali Rwanda.

and this item of 2005year:

Sent: Thursday, June 09, 2005
Subject: Re: Tanger/Montserrat radios

Regards Radio Antilles in Montserrat / under Leeward Islands in WRTH:

DW tried to erect a Latin America relay station 4 [!] times, at first on Bonaire, then in Guatemala, later in El Salvador in 1968/1969, but never came these plans in realization.

In 1970-1971 DW rented time on the 200 kW powerful MW station on 930 kHz. In about 1971 DW bought some share values of Radio Antilles in Montserrat, and later the station on this island was owned in total by

DW Germany.

Managing chief was DW Chairman Walter Steigner, and Chief Engineer was Peter Senger!!! Yes, this guy who is now DW's DRM-digital Chief Engineer.

A 50 kW SW transmitter appeared first time in my WRTH 1976, handwritten notice mentioned English 1100-1330 11790, 2000-2115 9600, 2115-0415 6040 kHz.

In WRTH 1977 my handwritten items appeared, mentioned a 50 kW and a 15 kW transmitter in use on Montserrat.

12 transmissions daily, combined station [before Antigua relay has been realized] BBC 50 kW/DW 50/15 kW. Page 277. In WRTH 1978, page 298 Last entry on 15 kW unit appeared in WRTH 1981.

Maybe you can contact Mr. Peter Senger direct at DW Technical Department in Bonn, and ask him about the low power SW transmitter.

All following addresses of DW's technical engineering personel is according to Ham Radio Callbook:

Follower of Mr. Senger at Montserrat was
Mr. Hans J. Berghauser (Bergh%user)

he stays now at Kigali relay under
Hans J. Berghauser 9X5BH
B.P. 420 Kigali, Rwanda.

His wife? Peggy Berghauser VP2MAK, Woodlands, Montserrat, Leeward Islands.

An other engineer on Montserrat/Antigua sites was on two decades:
[and member of our German WWDXClub!]
Peter Ippendorf VP2MAP
Richmond Hill
Montserrat, Leeward Islands

or
Peter Ippendorf DL3PI
Fritz-Henkel-Str. 8
D-53572 Unkel, Germany

and latest
Peter Ippendorf V29PI
P.O.Box 1203,
Antigua

Another DW engineer is Bernd Prasse DJ5DC
Kelterstr. 3
D-74223 Flein, Germany

I met him every year on our local Ham Radio equipment flea market. But he was stationed at VoA Ismaning, Monrovia, DW Malta, Sines, and Kigali.

Up till now this has confirmed this about Montserrat:

The Radio Antilles early MW transmitters (200 kW and 20 kW) were those of Radio Africa in Tangier. There were two units of 15 kW SW transmitters at the site when the DW crew arrived. I don't know the exact year, I've asked to confirm that. According to my source, those 15 kW'ers looked like new ones or presently upgraded (I guess an engineer could easily determine which was the case, maybe the memories are just dim). I also asked to confirm if the SW transmitters were co-located with the MW transmitters.

see the enclosed picture of Radio Antilles.
on the right side the MW mast,
next to the coast line the various SW antennas for 49mb 6000, 6040, 6135, 6145 kHz, 31mb 9545 kHz, 25mb 11785, 11810, 11865, 11970 kHz.

MW / SW site Radio Antilles at Montserrat O'Garros DWL Radio Antilles 930kHz 200kW, 740kW 20kW SW 1969-1996 year: Just this info.

The two 15 kW SW transmitters were at the site when the first DW crew (including Mr. S.) arrived in 1971. The 15 kW SW (and later the new 50 kW SW) transmitters, used then by DW and BBC were co-located at the Radio Antilles MW site.

Mr. S. doesn't know where did these early 15 kW SW units end in the coming years. So, it's still uncertain if the 15 kW units really were upgraded Radio Africa units from Tangier. 73 (wolfie df5sx, Aug 19, 2017, DX LISTENING DIGEST)

** MOROCCO. 171 kHz. Medi 1, 8/15/17, 0338z. Music program with difficult copy; Qur'an chants? Sounded like traditional Arab music program. 35131 sigs; S-9+ cloud static. Rx: ICF-2010 and inductively-coupled three-foot box loop (Steve Zimmerman, Location: 30 mi SW of Madison, WI, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** MYANMAR. 5985, Myanmar Radio. August 16, with special live coverage of the Southeast Asian Games soccer/football match with Myanmar vs Laos; pregame intro at 1240, with playing of the National Anthems of both countries; 1245 start of coverage of the game (TV audio feed);

fair. Youtube -
http://goo.gl/JuULYy
with intro anthems (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

5985, Myanmar Radio, Yangoon Yegu, on Aug 20 at 0050 UT and still going at 0104 UT. S=9+5dB signal in India. Local music/singer heard at 0058 UT. Myanmar Radio heard on SDR remote unit at New Delhi, India. Some morning logs this Aug 20 at 0045 to 0200 UT

5914.989, Myanmar Radio from new capital Nay Pyi Taw site, in vernacular S=6 fair signal at 0045 UT [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews Aug 20, dxldyg via DXLD)

5915, Myanmar Radio, at 1308, on Aug 20, found a greatly improved reception of this station, that until today had recently been QRMed by the North Korea jamming of 5920 (against Voice of Freedom, which sometimes used that frequency); usual QRM from CRI (Russian) on 5915 (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** NETHERLANDS [non]. PCJ Radio International Special Transmission 10/11SEP17

On September 10, 2017 PCJ Radio International will present a special Happy Station Show on frequencies outside our normal schedule.

This special edition is our way to say thanks to all those so far who have been assisting us in our continuing work to preserve programs that were produced by Radio Netherlands between 1947 and 1992.

The Happy Station Show distributed to our partner stations on that date will have a 55 minute version of the program. [all via WRMI]

All dates and times
Europe
0700 to 0900 UT - September 10, 2017 [Sunday]
9 to 11 am CEST ñ September 10, 2017 [Sunday]
Frequencies: 7780, 11580

North America
0100 to 0300 UT ñ September 11, 2017 [UT Monday]
9 to 11 pm EDT ñ September 10, 2017 [Sunday
Frequency: 7570

There will also be a special program inside the program, which will have a lucky draw of two Sangean receivers. But you will need to tune

in to find out more (via Nick Sharpe, Aug 21, BDXC-UK yg via DXLD)

** NEW ZEALAND. 9700, Aug 19 at 0617, surprised to find RNZI back here, during discussion of MAD; only a JBA carrier on 9630 where it moved July 28, presumably to avoid clash with Romania at 0600 on 9700 --- but nothing of that audible now underneath. 9630 now has a JBA carrier, probably the Brazilian apparition. RNZI sked as of Aug 19: http://www.radionz.co.nz/international/listen
still show 9630 at 0459-0658, so did someone forget and go back to the old frequency? 7425 at 1146 is at good level, implying it`s 100 kW still/again on the NNE antenna rather than the NNW.

9630, Aug 20 at *0459, Bell Bird from RNZI back here after switch to 9700 last night (Glenn Hauser, OK, WORLD OF RADIO 1892, DX LISTENING DIGEST)

9700, RNZI at 1145. News magazine type program. ID by W at the ToH and into news also by W. VG on Zenith Royal 7000, whip (digital frequency confirmed). August 19.

7425, RNZI at 1040. News magazine ("Pacific Beat"), interview re: Papua New Guinea issues. Pips, news by M at 1100 with quick but good ID. VG on Grundig Satellit and indoor shortwire. Nothing noted on 9700 today. August 21. 73 and Good Listening! (Rick Barton, Sun City/Peoria Arizona, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

9630, Aug 22 at 0651, RNZI is as usual now the SSOB, at S9+20, way above the only competition, WRMIs on 9395 & 9455. 9395 rates only S7-S3, 9455 less than that (WRMI really needs to go lower than 9 MHz overnight). At 0659, already changed to next frequency 7425 with Bell Bird, timesignal, S9+20/10. A previous night it stayed on 9700 instead of 9630/7425 (Glenn Hauser, OK, DX LISTENING DIGEST)

9630.009, RNZI Rangitaiki English program, strongest signal in 31 mb at S=9+30dB powerful at 0636 UT on Aug 22. Report of Edinburgh book festival, about Norwegian writer [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

13840, Again very good reception S5 to S7 from 0200 GMT August 21 with RNZI relay of BBCWS for thirty minutes of news. Tonight with commentary on collision of USS John S McCain with merchant ship, opinion from a former US diplomat on DPRK's reaction to US-South Korea war exercises being just strong talk and without actual war being imminent.

Hearing BBCWS again via SW through satellite link to Wellington, then

digital to Rangitaiki, then across the Pacific to eastern US is really good stuff. Brings back memories of several hours nightly of BBCWS on 5975 from Antigua. Adrian Sainsbury and the RNZI staff are to be commended for their work providing SW service to the Pacific and areas far beyond (Richard Howard, Burnsville, Yancey county, North Carolina, NRD-545, long wire on azimuth 100-280, WORLD OF RADIO 1892, DX LISTENING DIGEST)

** NIGERIA. 7255-, Aug 16 at 0611 check, VON is back on in Hausa, after AWOL 24 hours earlier (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA. 1040, Aug 19 at 1800 UT, YL with Fox News, running ahead of // 1000 KTOK OKC. Hmm, could this be WHO barely on groundwave, or the Metroplex station? NO! I forgot that local 960 KGWA puts spurs on plus/minus 80 kHz, as so IDed at 1805 UT. The other one is more blocked by KRVN, and neither can be heard at night (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA. 1157 & 1183 kHz, Aug 19 at 1757 UT, IBOC noiseblobs peaking here, i.e. out of KFAQ 1170 Tulsa. Had not heard any IBOC from them, day or night, for many weeks/months (Glenn Hauser, Enid, DX LISTENING DIGEST)

** OKLAHOMA. 1520, KOKC, OK, Oklahoma City ñ Granted STA extension, U1 10000/10000, temporary site (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD) Will they *ever* go back to 50000/50000 U2? (gh)

** OKLAHOMA. 3450, Aug 20 at 1154, JBA talk on the R75 with preamp-2 but gone with 1 or none; suspect an image or harmonic mix --- CBS Sports Radio ID which means it`s from 1390 KCRC, but haven`t figured out the math of possible mix with 960 KGWA (Glenn Hauser, Enid, DX LISTENING DIGEST)

** OKLAHOMA. 92.1, just as we are leaving Enid for the Eclipse, Sunday August 20 at 1655 UT, we note that KAMG-LP has finally returned to the air after weeks and weeks of open carrier. Now modulating again with praise music in Spanish --- however, there is a problem ñ not just an echo, but a double echo! Hooked up two or three satellite feeds just in case one or two crap out again? No announcement at 1702 between musix, let alone a legal ID. Recheck around 0400 UT August 23, seems non-echoey (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA. RF 17, K17JN-D, Enid`s only `local` DTV station, really just a satellator, continues with six 3ABN subchannels, except 17-6 remains nothing but silent greenscreen labeled `test`, August 17 at 1620 UT. So what are they testing? This was first noted August 11. I don`t remember what used to be on #6. When I surveyed them in May 2016, it was AFTV == AmFacts, which is now on 17-3; and

rabbitears.info now has Amazing Facts on 17-5! All filed under Market 50 OKC, altho no one in OKC is ever going to see this station except possibly as DX. 17-5 is really now Hope201 per the PSIP during a drama, Aug 17 at 1626 UT. The lineup at W9WI.com is not accurate either, but this Adventist offshoot keeps shifting them (Glenn Hauser, Enid, DX LISTENING DIGEST)

** OKLAHOMA. KFOR-TV ran several retrospectives as they were about to move into their new studios next door (gh)

ìHE WAS ALWAYS READY,î A LOOK BACK AT THOSE WHO HELPED SHAPE NEWSCHANNEL 4
Posted 10:00 pm, August 17, 2017, by Linda Cavanaugh, Updated at 10:41PM, August 17, 2017 [with videos]

http://kfor.com/2017/08/17/he-was-always-ready-a-look-back-at-those-who-helped-shape-newschannel-4/

OKLAHOMA CITY - Channel 4 is getting a new home!

We're days away from unveiling our new television station. But, before we do, we want to look back on the men and women who made Channel 4 the nationally recognized station that it is.

If you grew up in Oklahoma City in the 1950's, chances are you remember 3-D Danny and his interstellar companion, Bazark. Guess who was inside that homemade robot? A young station announcer named John Ferguson. "Nobody told us how to do it because they'd never done it before," Ferguson said.

Episodes of 3-D Danny were broadcast live. It was one of the highest rated kids shows in the nation. "Two years later, they come and say, 'Can you create a character for a late night horror show?'" Ferguson said. That's when "Count Gregore" was born. A character Ferguson would play for 50 years.

Also sharing Studio B was a cowboy with a seemingly endless supply of Gold Horseshoes: Foreman Scotty and the Circle Four Ranch. Lucky kids celebrating their birthday had a seat reserved on Woody, the birthday horse. And the milestones continued.

The first coach's show in the nation aired in our studios. OU Coach Bud Wilkinson patiently showed fans the inside secrets of his game plan. It was the first play-by-play analysis on television.

Severe weather coverage was born at Channel 4. In 1952, Harry Volkman made history by broadcasting the first live tornado warning in the nation. Channel 4 set the bar for weather coverage, backed by station

owners who believed in technology.

"Ed Gaylord was, as far as I was concerned, the one who made this station become what it is today. He was always ready to open the pocket book to make sure you had the finest technology and equipment to do your job," said Former General Manager Lee Alan Smith.

[Gaylord was the billionaire publisher of the Daily Disappointment, er, Oklahoman, far-right rag but the only newspaper in town ñ gh]

Jim Williams spent 32 years in the Channel 4 weather department. He was always looking for new and innovative ways to broadcast severe weather information. His first weather set was a "cube we used to write on. On that cube were four maps. They were Formica."

Jim had to find something that would write on the surface. And, in doing so, invested a primitive version of a Sharpie. "It was a piece of felt we put in a bottle we made up with a little fluid in it, like an Elmer's Glue Bottle. And, we wrote with it," he said.

How did he memorize the dozens of temperatures he wrote on the board? "Well, I'll tell you a secret," he laughs. "I had a red pen. And with that red pen, I could write on the Formica with all my little cues and you couldn't see it. I haven't told many people that."

Most of Channel 4's history took place in the building we've called home for close to 70 years. As we move to our new building, which is only a stone's throw away, we're reminded of the hundreds of men and women whose talent, creativity and ingenuity made Channel 4 a legacy station. They provided the blueprint that will move with us into the future (via DXLD)

** OKLAHOMA. LEGENDARY RADIO PERSONALITY RONNIE KAYE REMEMBERS WKY AS KFOR MOVES 4WARD --- Posted 8:26 pm, August 17, 2017, by Kevin Ogle [with video]
http://kfor.com/2017/08/17/legendary-radio-personality-ronnie-kaye-remembers-wky-as-kfor-moves-4ward/

OKLAHOMA CITY - In a few days, Channel 4 will be broadcasting from a new building. And while we make the transition, we are remembering the iconic personalities that are associated with our soon-to-be former home.

Ronnie Kaye seems synonymous with WKY. Here's a taste of how far back Ronnie goes with the old building:

"The all-night guard was just sitting there laughing and I said 'What are you laughing at?'" remembers Ronnie. "And he said 'There's this

new guy.' And I said 'Whatís his name?' and he said 'Johnny Carson.' And thatís when I first worked here in 1962."

Ronnie was already a popular DJ when he had an idea for a show. He took his idea to his radio boss, OKC broadcast legend Danny Williams, and said, ìI want to do a dance show." Danny loved the idea and The Scene was born. Ronnieís idea became a mainstay on OKC TV.

From 1966 to 1974, The Scene on Channel 4 was the local show to watch on the weekend. Teens lined up to get on the The Scene and not just teenagers liked it, according to the ratings researchers. "Older men really like the show," Ronnie laughed. "And maybe those girls with the short dresses. I don't know."

And when the original sponsor, Dr. Pepper dropped out, it wasn't a problem. Just like the kids wanting a spot on the dance floor at Channel 4, sponsors were also waiting in line. "And here comes this company called C.R. Anthony," Ronnie says. "And they not only sponsored it locally but they also syndicated it all over the country."

Walking through the Channel 4 studios, Ronnie gets nostalgic about what happened here and says he has enough energy for another run. "It was great. Letís do it again, people! I wanna do it again!" he said (via gh, DXLD)

ìITíS A TOUGH JOB,î LEGENDARY NEWSMAN GEORGE TOMEK TALKS ABOUT HIS MEMORIES AT CHANNEL 4 --- Posted 6:00 pm, August 18, 2017, by Kevin Ogle, Updated at 06:24PM, August 18, 2017 [with video]

http://kfor.com/2017/08/18/its-a-tough-job-legendary-newsman-george-tomek-talks-about-his-memories-at-channel-4/

OKLAHOMA CITY - In 1966, George Tomek, a navy veteran from Illinois, made his way to Oklahoma City and left his mark of broadcast excellence. Part of the Channel 4 "dream team" of anchors from the 70's was George Tomek, Bob Barry, Jim Williams and Jack Ogle.

"Your dad..your dad," remembers George. "Your dad [of Ogle], by the way, was the one who gave me the lasting feeling about editorializing. He told me this after I first got here. He said 'George, I learned something years ago and I still like it today.' He said we editorialize every time we make a decision to use a story or to throw a story in the wastebasket.' I said 'Who was that coined by?' And he said 'Paul Harvey.'"

George was a consummate professional. He was a police beat reporter who worked the streets of OKC. He went overseas to places like

Guatemala to cover the murder of an Oklahoma priest. He also covered Oklahoma politicians at political conventions around the country.

His incredible professionalism won him countless awards from news organizations in Oklahoma and around the United States. Even state governors praised his work.

But of course, there were also moments that could only happen at Channel 4. One involved film that wouldn't dry properly, a 10 p.m. deadline and pro wrestlers getting ready to appear on Danny Williams, "Championship Wrestling."

"I was panicking and I asked a couple of them 'Will you help me? I gotta dry this film' and they said 'Yeah, we'll help.'" So, George sent them, film in hand, running out into the Oklahoma wind. "One of 'em had tights on, the other had short wrestling shorts on," George remembers. "And they looked like a couple of Bolshoi ballet artists out there. But they got the job done and we got it on the air. Whew."

But for Channel 4 icon George Tomek, this business we're in is a serious business. And just because Channel 4 is moving into a new building, our mission hasn't changed. We continue to strive on bringing you, our viewers, vital information. "It's a tough job," George says. "But we had to do it and you have to do it" (via DXLD)

REMEMBERING BRAD EDWARDS AS IN YOUR CORNER TEAM MOVES 4WARD
Posted 10:03 pm, August 18, 2017, by Scott Hines, Updated at 10:28PM, August 18, 2017

http://kfor.com/2017/08/18/remembering-a-kfor-legend-in-your-corner-team-soldiers-on/

OKLAHOMA CITY - For nearly three decades Brad Edwards was In Your Corner. Several years before his sudden passing in 2006, he talked about his storied career at Channel Four.

ìI like being with the people and being one of the people,î Brad said. ìI want to be a normal guy, because I am a normal guy.î

Average though he was not. Brad was a champion of the people. His assignment on In Your Corner was to be a watchdog and a trouble-shooter. Brad got his start in broadcasting in the Air Force, before bursting onto the scene at Channel Four

[and I served with him in Thailand, San Antonio --- gh]

Brad did it all, anchor, reporter, photographer, and he worked with legendary Channel Four outdoor reporter, Don Wallace.

It was Brad's tireless work though, inviting us to come to his corner for help that we'll remember most. He helped hundreds of Oklahomans, including Vera Ruffner. ìI was totally shocked, I could not believe it,î she said. What took me over three years, he accomplished in about two hours."

Brad did it with humility, humor, and guts. ìSometimes we do just walk in on ëem,î Brad said. ìThat can cause a point of friction.î

More than a decade later, the In Your Corner team is still soldiering on, exposing the injustices and taking care of our neighbors, like Rebecca Salyers, a blind, single mom raising her two kids. We not only helped give her a voice, but we were able to recoup her money. ìThank you so much, Scott,î she said. ìI know why people call you.î

Brad set the standard and we're honored to carry that legacy forward with programs like Warmth 4 Winter, Fans 4 Oklahomans, and Joy 4 Kids. The corner has never been brighter (via DXLD)

** OMAN. Reception of Radio Sultanate of Oman on August 17
1400-1500 on 15140 THU 100 kW / 315 deg to WeEu Arabic
1500-1600 on 15140 THU 100 kW / 315 deg to WeEu English
1600-2200 on 15140 THU 100 kW / 315 deg to WeEu Arabic
http://swldxbulgaria.blogspot.bg/2017/08/reception-of-radio-sultanate-of-oman-on.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via DX LISTENING DIGEST)

13600even, Radio Sultanate Oman from Thumrait, 0535 UT on Aug 22, heard in remote SDR in Doha Qatar. S=9+20dB. Station ID in Arabic language by man and followed by an agreeable ingratiating whispering attractive female voice too. But hit by another ute signal in RTTY mode on pair 13602.22 and 13602.66. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

** PERU [and non]. 4774.906, OCX4W Radio Tarma, Tarma, on Aug 20 at 0108 UT ID by man in Spanish language, vs CODAR signal on 4763 - 4838 kHz broadband fq range. Proper S=7-8 signal this night, good condition in 60 mb.

4950.013, PERU and 4949.733, adjacent R·dio Nacional Angola transmission. Latter S=6 fluttery signal, but little better S=8-9 on adjacent upper:

4950.013, OBX71 [sic], Radio Madre de Dios, Puerto Maldonado, could separate both signals by Perseus SDR notch and switch to upperside reception. Exciting reception though. Some morning logs this Aug 20 at

0045 to 0200 UT, logged here in southern Germany Europe: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews Aug 20, dxldyg via WORLD OF RADIO 1892, DXLD)

OBX7I --- last character is letter eye, not figure one. Per˙ callsigns in this strange format ending in one number and one letter; and a lower letter of the alfabet between the O and the X (gh, DXLD)

** PRIDNESTROVYE. Radio Pridnestrovye no more --- (a.k.a. the 2nd channel) rebranded into Radio 1+, IDing itself as such (Radio Odin Plus) on 621 kHz right now, in parallel with the webstream (the latter is delayed by 3-4 seconds). Nostalgic, mostly Soviet-era music. (Leo Barmaleo, Moldova, 0604 ut Aug 21, dxldyg via DX LISTENING DIGEST)

Aha. So they have just changed the program input, to what they already transmit on 106.0 MHz anyway, or is that "Grigoriopol" transmitter located elsewhere? Indeed plain nostalgia, they just played a song of which a fragment had been used in "Nu, pogodi"...

Now, with relays of RFE/RL reportedly gone from Moldova Actualitati: To they still use the three old OIRT transmitters or have they been turned off, too? (Kai Ludwig, Germany, ibid.)

Nope. Kai, the Grigoriopol tx thats been transmitting Radio Pridnestrovya (now Radio 1+) seems all the same, however, since they've moved from 105.0 (used for ages) to 106.0, their signal is barely audible in Kishinev now, given the presence of local Like FM/Russkoye Radio on 105.9...

105.0 for Radio 1+ is only available in Tiraspol, but that doesn`t propagate at all to Kishinev... (Leo Barmaleo, Moldovia, ibid.)

> Now, with relays of RFE/RL reportedly gone from Moldova Actualitatsi

Where was that reported? I seem to have missed it. Thanks, (Mauno Ritola, Finland, ibid.)

``MOLDOVA. In recent days, one of Tiraspol is not heard at 621 kHz in the morning. There are also no programs in Russian prepared by Radio Free Europe in Russian for Transnistria at 873 and 1494 kHz. Maybe Disappeared in May? (Rumen Pankov, Bulgaria, Moscow Information DX Bulletin, Weekly electronic edition Number 1054, July 25, 2017, The editor of the current issue is Alexander Dementiev, via Rus-DX August 6 via DXLD)`` (via Kai Ludwig, ibid.)

OK, thanks. I don't think that's correct. They are still in the programme grid as before:
http://www.trm.md/ro/program-actualitati/

and I think it was in early August that I heard "Radio Europa Libera" announced there (Mauno, Aug 21, ibid.)

Kai, not sure of RFE/RL relays (need to check Radio Moldova website) but just heard Vladimir Putin talking on 68.48 (Straseni), Radio Svoboda (Liberty) in Russian. Some musings on 'occupied Crimea' with dropouts and distorted audio (perhaps using skype to talk to some 'experts).. OMG, how miserable it all sounds... yet funny - money wasted in vain :))))

21-30 KIV LT, Transmitter signed off (68.48 MHz) cutting short some skype-based 'ANALyst' (or should i have written 'liberast'? :)))) (Leo Barmaleo, 1834 UT Aug 21, ibid.)

Skype? No more plain old telephone to get in the endless chatter from the Kremlin astrologers? Wow. And as just noted: They don't seem to know about this relay themselves. At svoboda.org it is shown neither under "chastotyi" nor under "affiliates". Time for a next good rant from BBG Watch how broken, dysfunctional, defunct etc., etc. it all is. But what about Russian, if any was ever relayed in this program at all?

https://www.svoboda.org/radio/affiliates/info/34
does not know such relays. But on the other hand it also does not know the old OIRT transmitters of which at least one has just been found to indeed still be on air (Kai Ludwig, Germany, ibid.)

Yeap, exactly, still there. Mondays slot was 21:15 - 21:45 DIALOGURI TRANSNISTRENE, 30 de minute cu Radio Europa Libera. Preluare (rus)

Interestingly, it`s in Russian (which is bizarre for Europa Libera that never had any Russian language programming in the past) (Leo Barmaleo, ibid.)

Monday 1815 transmission is marked "(rus)" and 1930 (which I have heard here on both 873 and 1494 kHz) is "(rom)". (Mauno Ritola, Finland, ibid.)

** ROMANIA. RRI in English, 0020 UT, 7375 kHz, ident at 0024 followed by the roots on the month of August and the Blessed Virgin Mary music break, fantastic reception!!! 73 (Jon Collins, Birmingham UK, Aug 19, Tecsun PL-660, telescopic whip, DX LISTENING DIGEST)

Interesting information from German WEB-page R. Romania International
QSL from 1934 to 1989:
http://www.rri.ro/de_de/qsl_karten_1934_1989-3665
QSL Between 1990 and 1998:

http://www.rri.ro/de_de/qsl_karten_1990_1998-3594
Pennants of IRI:
http://www.rri.ro/de_de/alte_wimpel-2872
Diplomas of IRI in the 1960-80s:
http://www.rri.ro/de_de/diplome_der_1960er_80er_jahre-3660
(Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx" via Rus-DX Aug 20 published Aug 19, via DXLD)

** ROMANIA. Reception of IRRS Radio City via ROU RadioCom on August 19 0800-0900 9510 SAF 100 kW / 300 deg to WeEu German Sat, fair to good:
http://swldxbulgaria.blogspot.bg/2017/08/reception-of-irrs-radio-city-via-rou_19.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via DX LISTENING DIGEST)

** RUSSIA. Republic of Sakha (Yakutiya) -- On August 14 from 0900 UT and now (1045) in Novosibirsk I very well accept the Yakutsk Radio in Russian and Yakut languages at a frequency of 7345 kHz. Signal in Novosibirsk on 44333, with little interference from the Chinese in the Kazakh language at 5 kHz lower. Perhaps, someone knows, the Yakut radio confirms reports about the reception? What address can they write to? (Igor Yaremenko, Novosibirsk, Russia / "deneb-radio-dx" via Rus-DX Aug 20 published Aug 19, via DXLD)

Good afternoon, Igor! It is affirmative - we should try to always write reports about the reception, even if there is no information about the confirmation from the radio station. This is purely my opinion. Address. It is necessary to look on the Internet. I do not have "Handbook radio broadcasting in Russian," but I think there should be a station address (Anatoly Klepov, Moscow, Russia / "deneb-radio-dx", ibid.)

Douyakutia@rtrn.ru Radio Sakha NWK Sahak - no answer will be. Now I saw the new address Ckpsakha@rtrn.ru on the page
http://yakutia.rtrs.ru/contacts/ - sent again (Dmitry Elagin, Saratovskaya oblast, Russia / "deneb-radio-dx", ibid.)

7345, Radio Sakha, via Yakutsk, 1335, Aug 16. Music by a Jew's harp (khomus) and with singing. Certainly this unique musical instrument is very popular in this region of Siberia; actually stronger signal than the CNR1 QRM. 7295 remains silent.

For those interested in the khomus, note
http://khomus.com/
a Siberian website (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** RUSSIA. '' CLUB DX '' (No. 779) AIR: FEBRUARY 26, 2006
--- Author and presenter: Vadim Alekseyev

Editor of the Internet version: Pavel Mikhailov

"VOICE OF RUSSIA"

Today, dear friends, we continue our historical digression, dedicated to the 15th anniversary of the Moscow Information DX Bulletin. I will remind you that a month ago I told how everything began in the distant 90-th year, when The idea of creating a new periodical was born. And to I asked to speak about the bulletin today to join one of our colleagues, who participated, if I may say so, in the procedure of conception of our Publication. Andrei Nekrasov is visiting us. But on a visit Andrew is virtual. TO unfortunately, he is currently working in the United States of America, and so go to our studio, of course, can not. It did not work for me also a telephone conversation, but Andrew's voice in our program will sound. He wrote down and sent me his answers to the questions I sent him.

It's no secret that in those days it was not very easy to get acquainted with colleagues on a hobby. Therefore, first of all, I asked Andrei Nekrasov talk about how he met with people who were among the "Initiators-founders" of the then-new bulletin: with Sergei Sosedkin, Mikhail Paramonov and Anatoly Klepov?

ANDREY NEKRASOV: I met Sergei Sosedkin thanks youth DX-bulletin "Nistru", which was published in Chisinau. Then I was in his editorial board. Sergei invited me to speak in the DX-transmission "Frecuencia RM" of the Spanish service of the Moscow Radio with a story about yourself and about this bulletin. I remember that at first I was treating Sergei with some Suspicion. I was a little scared by his openness. It seemed to me that he agent of the Soviet special services. After all, then, in the late 80's listen to foreign radio on short waves it was forbidden. With Mikhail Paramonov I met there same, on the Moscow radio, where I was invited to work as a freelancer - to compose texts for DX-programs in different editions of foreign broadcasting. But I first saw Anatoly Klepov at the very end 90th at the first international DX conference in St. Petersburg. By the way, the very first, so-called "zero", trial edition of our bulletin, who composed Mikhail Paramonov and your humble servant, came out, just in time December 90th and was timed to coincide with that historic conference.

Moderator: What exactly interested you in the idea of creating such a newsletter, why did you decide to participate in it? After all, at that time, for example, in St. Petersburg Exotic DX news came out. It was a very serious newsletter.

ANDREY NEKRASOV: I agree with you, Vadim. "Exotic DX News" was at that time a very serious publication. And I even went to his editorial

board. But after its founders have officially registered that bulletin at VLKSM, this went against my religious and political convictions. And I refused to work on his publication, but continued to be friends with his founders. We just always stayed good friends.

Moderator: You were a permanent member of the editorial board during the first years existence of the publication. What can you tell from e specially memorable in those years?

ANDREI NEKRASOV: In general, there was a lot of interesting things. Edition, to Which you take with all seriousness, becomes a part of your life. After advertising our publication in the program of the North American Service Moscow radio, we received a huge number of letters-applications and requests, so that our newsletter is also available in English. And now one the listener, who did not understand Russian at all, tried to write to us in Russian. At the beginning, his text was more or less clear, but at the end the listener asked us, I will try to quote verbatim, "send our ammunition depot." Then We, Vadim, Misha, laughing a lot, tried to translate this phrase back to English, and then it's normal again to Russian. It turned out yet funnier.

Moderator: Now you, as I understand it, are not actively engaged in DX-ing, but if we talk about the 90's, what role, in your opinion, played bulletin in the history of the development of DX-movement in our country?

ANDREY NEKRASOV: I continue to listen to the radio on short waves, but me, first of all, are interested in new advanced technologies, for example, digital broadcasting - DRM, podcasting, Wi-Fi, I believe that the future is for them. I believe, that the bulletin fulfilled one of its tasks: to collect radio amateurs of the DX-history around yourself. Now the e-newsletter successfully fulfills the another task, set up back in the nineties, was to popularize this a wonderful scientific hobby. In conclusion, I want to say that hobby than no matter what, it should not be over the edge. Everything should have certain reasonable boundaries. And, thank God, when what you're into is leading you directly to your professional activities. After all, in principle, any hobby is your calling, and it must be followed.

HOST: I want to thank my [sic, ends]
(Rus-DX Aug 20 published Aug 19, via DXLD)

** SAUDI ARABIA. Intermodulation mixture of two 500 kW powerful beasts at 295 / 310 degrees via Riyadh broadcast center, noted at 1400-1430 UT on Aug 17:

fundamentals HQ px 17895.019 S=9+30dB - and R Riyadh General service

17705.000 kHz S=9+35dB signal,

noted at S=4-5 signals of intermodulation on GS 18085.038 kHz, - and HQ program 17514.980 kHz, some 190.0195 kHz fq distance apart. 73 (Wolfgang B¸schel, df5sx, harmonics yg via WORLD OF RADIO 1892, DXLD)

** SOLOMON ISLANDS. 9545, Aug 20 at 0459 tune in just in time to hear a JBA carrier which cuts off at 0500, presumed SIBC, which Bryan Clark, NZ, recently reported reactivated on this band. Nothing else ever known on 9545.

5020, Aug 20 at 1157, very poor carrier in splash of 5025 Cuba, certainly SIBC and this one cuts off at 1200* sharp (Glenn Hauser, OK, DX LISTENING DIGEST)

** SOMALILAND. SOMALIA Weak to fair signal of Radio Hargeysa August 18 1500-1900 on 7120 HAR 100 kW / non-dir to EaAf Somali, QRM HAMs http://swldxbulgaria.blogspot.bg/2017/08/weak-to-fair-signal-of-radio-hargeysa.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via DX LISTENING DIGEST)

7119.998, Somalia, Hargeysa Radio program noted at Qatar remote unit, 0510 UT on Aug 22, S=7 or -83dBm daytime signal path, speech by man. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, Some morning logs this August 22nd at 0500 to 0636 UT, dxldyg via DX LISTENING DIGEST)

** SPAIN. 17715. Thu, Aug 17 at 1843-1900, Radio Exterior de EspaÒa, Noblejas, in Spanish. Woman and man announcers talk News and a total reporter about the Barcelona terrorist attack - 13 dead peoples; solidarity messages from several countries, mainly European Union; ID. Excellent broadcasting, 55555. Parallel log on 17855 kHz, no signal.
DXer: (JosÈ Ronaldo Xavier
Location: Cabedelo-PB, Brazil (UTC-3)
RX (s): Degen DE1103 Sony ICF-SW100S
Antenna: Longwire
Hard-Core-DX mailing list via DXLD)

17855, August 17 at 1804, no signal again from REE to North America, while 17715 to South America is a JBA carrier, and the other pair, 15390 & 15520 are more audible (Glenn Hauser, OK, DX LISTENING DIGEST)

REE contin˙an los problemas --- Hola a todos, REE lleva varios dÌas fuera del aire en su frecuencia para Norte AmÈrica, 17855 kHz, hace m·s de diez dÌas me dijeron que habÌan tenido averÌa, pero que ya estaba reparada y que volverÌan a emitir con normalidad, cosa que no ha ocurrido. Me gustarÌa saber si alguien m·s se ha puesto en contacto con la emisora, por los continuos problemas que tienen, y si desde REE

han respondido. Un cordial saludo (Manuel MÈndez, Lugo, EspaÒa, Aug 19, dxldyg via DX LISTENING DIGEST)

Radio Exterior de EspaÒa /RNE/ on 2 of 4 frequencies on August 20
1355-1400 on 2 of 4 frequencies REE Interval Signal/fq announcement
1400-1800 15520 NOB 200 kW / 110 deg N/ME Spanish Sat/Sun, fair/good
1400-1800 17715 NOB 200 kW / 230 deg SoAm Spanish Sat/Sun, fair/poor
1400-1800 17855 NOB 200 kW / 290 deg ENAm Spanish Sat/Sun, no signal
1400-1800 21620 NOB 200 kW / 161 deg WCAf Spanish Sat/Sun, no signal
http://swldxbulgaria.blogspot.bg/2017/08/radio-exterior-de-espana-rne-on-2-of-4.html
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, dxldyg via DX LISTENING DIGEST)

** SRI LANKA. 15430, Aug 16 at 1342, M&W talk in Farsi? at S8-S4 with flutter as if transpolar: yes, Aoki shows Deutsche Welle, 250 kW, 335 degrees via Trincomalee, 1330-1400 in Dari (Glenn Hauser, OK, DX LISTENING DIGEST)

** SUDAN SOUTH [non]. BRB Eye Radio via Alyx&Yeyi TDF Issoudun Aug 19
1600-1900 on 17730 ISS 250 kW / 130 deg to EaAf Arabic/English, good
http://swldxbulgaria.blogspot.bg/2017/08/reception-of-brb-eye-radio-via-alyx-tdf.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via DX LISTENING DIGEST)

** SWEDEN. BROADCASTING IN RUSSIAN LANGUAGE --- Today I asked the former employee of the Russian service of Radio Sweden (Sverige Radio) Iryna Makridova about plans for the revival of the editorial staff at least in the framework of Internet broadcasting or the release of a podcast in Russian. In response, he received a short but understandable: "There is no chance." In Russian, "Swedish Radio" for overseas spoke on November 5, 1967. That is, in three months the Russian section of "Radio Sweden" would celebrate a half-century anniversary.

The last time in Russian Stockholm could be heard on October 30, 2010. On April 1, 2016, the Sverige Radio website was updated with a section in Russian. Before that almost daily news from Sweden in Russian on this resource was published by the former leading Russian service: Irina Makridova, Yuri Gurman, Maxim Lapitsky. Outside of time, it seems, there remained a page of the Russian edition of Radio Sweden on the general site of Sverige Radio. Here is her address:
http://sverigesradio.se/sida/default.aspx?programid=2103
(Igor Kolke, Moscow, Russia / "rusdxplus", via Rus-DX Aug 20 published Aug 19, via DXLD)

** TAIWAN. Broadcast of RTI Taipei in Russian at 1700-1800 UT on 11955 kHz with double problem. Not only the Issoudun's so called "tractor"

sounded effect [see FRANCE], but there is unexpected unidentified broadcst on around 11955.1 kHz with some "yell" or like "home vacuum cleaner". Observed first in June 26 & 27, in July, in August 1st & 2nd, 10 & 11th. It is not related with Issoudun because the jamming sound is heard from 1130 UT on 11955 kHz during the CRI SE Asia Service, later over Iran and also from 1800 over AWR in Arabic. One of the best DXers in Russia, Mr. Pape wrote it is may be SSB transmission ws.

The Chief of Russian service of RTI, Mr. V. Samoilov said in "Mailbox" that is maybe local jamming {rather local Sofia electromagnetic interference there, wb.} around Sofia, Bulgaria. Please help with some idea (Rumen Pankov, Bulgaria, via WWDXC BC-DX TopNews Aug 11, BCDX 16 Aug via WORLD OF RADIO 1892, DXLD)

** TAIWAN. Re 17-33: Radio Taiwan Int. Fill out the survey for a chance to win a souvenir. I took the survey. Wanted to know listening habits, why listen, how listen, favorite topics and some personal info. Had to use the "Other" category to explain there are no broadcasts to North America. Refused to provide personal info as it's really none of their business. I had been a V. of Free China, et al, listener since the early 1980's. Not so much anymore. 73, (Kraig, KG4LAC, Krist, dxldyg via DXLD)

** TIBET [non]. 15523, Aug 16 at 1340, JBA carrier no doubt from Voice of Tibet via TAJIKISTAN, and a weaker fluttery JBAC on 15520 which would be the ChiCom jammer. HFCC rather on 15520 shows Iran in Urdu until 1420 from Kamalabad, but we know that site and its schedule are OFF. Aoki as of Aug 11 agrees there is no Iran on 15520 but unlists 15523 either. At 1357 recheck, now the split frequency is 15557 instead, but no sidejam (Glenn Hauser, OK, DX LISTENING DIGEST)

** TIBET [non]. Received a new QSL card from Gaweylon Tibetan Radio from India for the report on July 7, 2017 through the UAE. The card was made on a theme card with a new topic this year. The letter by airmail from India came very quickly. The card is here
http://freerutube.info/2017/08/16/qsl-gaweylon-tibetan-radio-indiya-oae-iyul-2017-goda/
(Dmitry Elagin, Saratovskaya oblast, Russia / "deneb-radio-dx" via QSL World, Rus-DX August 20 published Aug 19 via DXLD)

** TURKEY. This is what happens when Achmed spills some souvlaki or yogurt on the transmitter off switch in Emirler. Here is the Voice Of Turkey in English on 9830 kHz at 2200 UT August 14th, 2017. The signal is good, but as you can hear it starts off RTTY interference that is near dead on to 9830. This is about average for the RTTY, sometimes it's barely noticeable and one time, it was so bad it obliterated Voice Of Turkey for several minutes.

Unlike the sign on interval signal, the sign off interval signal is not interspersed with any announcements, "The Is The Voice Of Turkey". At about 58 minutes 20 seconds into my recording you hear the interval tune start to fade out and have a very brief bit of dead air before the interval picks back up.

That's actually a restart of the interval tune. Listen at 59 minutes and 21 seconds, you'll hear "This Is The Voice Of Turkey" spoken again --- IN GERMAN!

I am fairly certain the Emirler Shortwave site gets its program feed off the Turksat 3A satellite feed and also that the Emirler site is manually controlled/switched.

When 9830 doesn't get switched off, it just chugs along in whatever language is next up on the satellite feed. I've heard 9830 go past its 2300 sign off by as little as 15 minutes, or in this case of my August 14th recording, go past the sign off by about 45 minutes. One night. I'm fairly certain I remember hearing 9830 still on until about 0030 UT. Audio recording:
https://app.box.com/s/947j2qddc7y1mg41g4lkyww8ub1ryvb6

Equipment used: JRC NRD535D table top communications receiver, a magnetic loop antenna in the shape of a volleyball net that is 25 feet long by 10 feet tall and connected to a Wellbrook ALA100LN amplifier control head. I use the radio and antenna in conjunction with a EmTech ZM2 antenna tuner and a DXEngineering JF PreAmp. Your radio station gets recorded on a Tecsun ICR100 digital recorder in mp3 format on an SD Card that is then uploaded to the computer.

I am in the very far northwest corner of Pennsylvania between Erie, Pennsylvania and Jamestown, New York [i.e. Warren, why not say so?] (Paul B Walker, Jr., Aug 22, Hard-Core-DX mailing list via DXLD)

Did he mean Aug 21??? Or not report until 8 days after Aug 14? We have already reported such overruns several times (gh, DXLD)

I don't think calling Turk National 'Achmed` and him spilling yogurt in a sound board very funny at all. In fact, it's racist and I hope the admin has the guts to step up and do something about this situation. This crap isn't funny and this group goes worldwide (Chris Campbell, OH, ptsw yg via DXLD)

It's a running joke between me and several friends on a few Facebook groups about any SW station I hear with technical problems. Radio Romania, Voice of Vietnam, VOA, CRI, etc. it's meant as nothing more then a humorous poke of fun at stations. It's our joke and reason for

whatever tech glitches happen. No one`s gotten bent out of shape about it, till now (Paul Walker, ibid.)

** UKRAINE. Since the Day of Independence, the traditional melody "Roars and moans ..." in the modern arrangement will become the call sign of "Ukrainian Radio". This is reported on his Facebook page by the producer of artistic special projects on "Ukrainian Radio", the host of programs on "UA: First" and radio "Promin", Galina Babiy.

"Bandurist Andrei Bobyr was a student at the Kiev Conservatoire when the Second World War broke out, so he had to become ... a fighter pilot! But he did not leave his bandura on the ground: he hid in the wing of the plane, counting the amulet in fights! And it was on it that he performed And recorded the famous callsigns for the melody of the song "Rising That Stagne Dnipr wide" for the Ukrainian radio, which during the war was called "Dnepr" and aired in Ukrainian from Saratov!

This fantastic story imposes on us a great moral duty: to know, appreciate and Therefore, during the creation of Public Broadcasting, historical callsigns, beloved by many generations of listeners of "Ukrainian Radio" all over the world, missed through the prism of time, are reproduced with new sounds, return to the air!", Writes Galina Babiy.

In the commentary on the Public Broadcasting website, the general producer of the Ukrainian Radio, Dmitri Khorkin, noted that the melody "Roars and moans Dnipro wide" was previously on the air, and the words were "Ukrainian radio." "Now we are moving on to complex sound design. The updated callsign will accordingly be consonant, in one style with jingles and ethereal clothes of "Ukrainian Radio".

A soundtrack was created by our staff producer - sound producer Gennady Sidorov, "said Dmitry Khorkin, the producer of the music programs of the Ukrainian radio was Alexander Piriev, the founder of the National Music Academic MusicReview portal, the artistic director of "Tchaikovsky-Fest" The initiator of the project "3C: Miroslav Skorik, Eugene Stankovich, Valentin Silvestrov."

Recall, "Ukrainian Radio" broadcasts on three channels: the first - colloquial news socio-political, the second - the youth musical - The radio station Luch, the third - the artistic and educational radio "Kultura" and has the editorial offices of the programs in English, German, Romanian and Russian.

Radio stations of the branches of the National Technical University from the new season, from September 4, will have unified segments on the first channel of "Ukrainian Radio" : 7:10 - 8:00, 12:00 -13: 00,

17:10 - 18:00, 20:10 - 21:00 (Source: Public Broadcasting Portal).
http://proradio.org.ua/news/2017aug.php
(via Rus-DX Aug 20 published Aug 19, via DXLD)

** U K. BBC TO SHUT DOWN ADDITIONAL MEDIUM WAVE TRANSMITTERS
http://www.radiomagonline.com/around-the-world/0020/bbc-to-shut-down-additional-medium-wave-transmitters/39162
Sent from XFINITY Connect Mobile App (Steve Kamp, Aug 21, Hard-Core-DX mailing list via WORLD OF RADIO 1892, DXLD)

** U K. BBC Radio 5 Live carried the last bongs live. May have been the only BBC radio station to do so:
http://www.bbc.co.uk/programmes/b091rqsn
Around the two-hour mark in Adrian Chiles's program.
(-- Richard Langley, Aug 21, dxldyg via WORLD OF RADIO 1892, DXLD)

Big Ben has chimed for what could be the last time in four years
Why has Westminster's Great Bell been silenced - and for how long?
http://www.telegraph.co.uk/news/2017/08/21/big-ben-row-everything-need-know-westminsters-great-bell-silenced/
(via Mike Terry, Aug 22, dxldyg via WORLD OF RADIO 1892, DXLD)

** U K. Rampisham --- Thanks to Paul Ewers. On BBC look south today. All of the masts at Rampisham were shown being demolished today. Sent from my iPhone (Dave Thorpe, 2108 UT Aug 18, BDXC-UK yg via WORLD OF RADIO 1892, DXLD)

Sad; once a major SWBC site for BBCWS, and I believe the one used for North America when that was of any interest (Glenn Hauser, WORLD OF RADIO 1892, DXLD)

It's a 2 minute report starting at 14 minutes, can only be viewed by those in the UK. This edition of South Today will be available until 7 pm UK time today (August 19). UK members can download it with a BBC app and programmes can then be watched for up to 30 days.
http://www.bbc.co.uk/iplayer/episode/b0911kll/south-today-evening-news-18082017
(Mike Barraclough, WORLD OF RADIO 1892, ibid.)

Rampisham Towers demolished --- Uploaded to YouTube yesterday, report on South Today August 18 Rampisham Transmitting Station, broadcast BBC World Service for over 70 Years. Today we witness the end of an era with it's array towers demolished.
https://www.youtube.com/watch?v=H25isplBX64
Posted by: (barraclough.mike, Aug 20, dxldyg via WORLD OF RADIO 1892, DXLD)

** U K [non?]. BBC in Pashtu for Afghanistan, 0030 UT, 7445 kHz, two women talking, sounds like a drama, sinpo 44444. Sometimes early in

the mornings BBC World Service mentions the relay sites but not always! 73 (Jon Collins, Birmingham UK, Aug 19, Tecsun PL-660, telescopic whip, DX LISTENING DIGEST)

BBC Worldservice has started a new language for West Africa, Pidgeon [sic]. This info heard on BBC Radio 4 Today program (Jon Collins, Birmingham UK, Aug 21, WORLD OF RADIO 1892, DX LISTENING DIGEST)

BBC RADIO SERVICE FOR NORTH KOREA TO START IN SEPTEMBER

https://www.theguardian.com/media/2017/aug/20/bbc-braces-for-backlash-over-north-korea-service

Director of BBC World Service says tensions over North Koreaís nuclear tests vindicate the launch of a targeted service

BBC Broadcasting House
Korean is one of 12 new language services being launched by the BBC over the next few weeks. Photograph: Anthony Devlin/PA [caption]

Graham Ruddick Media editor
Sunday 20 August 2017 11.18 EDT
Last modified on Sunday 20 August 2017 17.00 EDT

The BBC is braced for a backlash from the North Korean government about the launch of a new service targeted at the country amid growing international tensions over its nuclear missile tests.

Francesca Unsworth, the director of BBC World Service, said the corporation was wary about launching the new North Korean service next month due to the likely opposition from the government but insisted the fragile political situation vindicated the move.

In an interview with the Guardian, she said: ìWe are reaching an incredibly febrile, dangerous atmosphere at the moment about that whole story, and isnít it terrible for the people of North Korea that the only information that they getting about any of this is that woman who goes on North Korean television every night?

ìWe talked for many years about whether it was worthwhile doing something for the most in-need country of the world. This is right at the head of the BBCís mission to bring independent news to people most in need ñ and Korea is the country most in need, followed by Ethiopia and Eritrea.î

The service will launch just weeks after Donald Trump, the US president, threatened to unleash ìfire and furyî on North Korea, which responded by announcing a detailed plan to fire missiles at the US

Pacific territory of Guam.

Korean is one of 12 new language services being launched by the BBC over the next few weeks in the biggest expansion of the World Service since the 1940s. The expansion involves hiring 1,400 staff and is backed by £289m of funding from the government. Other services that are launching include Pidgin, which is spoken by 75 million people in Nigeria, Punjabi and Serbian.

Tony Hall, director general of the BBC, said the new services marked ìthe start of a new chapter for the BBCî and called the World Service ìone of the UKís most important cultural exportsî.

However, Unsworth said the North Korean embassy in London had told the BBC ìin no uncertain termsî that they did not want the Korean service to be launched.

The service will broadcast a half-hour radio programme daily, that will go out in the middle of the night so that, in the words of Unsworth, ìpeople have the opportunity to listen under their bedclothes without telling the neighboursî.

On the potential reaction of North Korea, she added: ìI met with the embassy here in London and they told us in no uncertain terms that they didnít want us to launch this service. But one of the things I did say to them, and I think that this is important, is that we are not dissident radio.

ìWe are there to explain their perspective on this, we are not there to be the voice of opposition. But of course we are not on the side of governments, we are there on the side of people. That is our remit and it always has been.

Half the Korean team will be based in London with the other half in Seoul. At least one person in the team has a North Korean background.

Unsworth said it was a ìtough challengeî trying to ensure the service reaches audiences in North Korea but pointed to research by KBS, the South Korean broadcaster, which found that a third of defectors from the country claim to have had access to foreign broadcasts. She also said evidence suggests that young people in North Korea are not as beholden to the regime as their parents and there is an appetite for learning information not provided by the government.

Unsworth joined BBC local radio in 1980 before rising up the ranks to become home news editor, then head of political programmes and head of newsgathering. She was named the boss of the World Service in 2014.

Unsworth said the World Service has become even more important due to the spread of fake news and the expansion of state-backed services such as Russia Today and Chinese news providers in Africa.
BBC faces new pay row over gap between World Service and news
Read more

ìIf RT were to criticise the Kremlin they would be off the air quite quickly, whereas if the BBC holds British foreign policy or anything up to scrutiny, well we are not going to be off the air,î she said. ìThe Foreign Office may be writing the cheques [to fund the World Service] but there is no question that they would be able to phone up and influence any editorial agenda that we are doing.
Advertisement

ìIn a way the ones that I am more worried about are the Chinese. The Chinese are investing in Africa for instance big time and and they really recognise that if you are going to put investment into infrastructure in these countries then the broadcasting media landscape goes alongside that.

ìWe are in danger of handing over the international media space to people who do not have the values of independence, free and fair without favour, and they are not impartial. All over the world I see our services operating in countries increasingly under pressure from governments clamping down on media freedom.î

World Service is expanding at a time when the BBC find itself under scrutiny about pay. The publication of the salaries paid to the BBCís top earners led to criticism about a gender pay gap at the corporation while PwC, the accountancy firm, was hired to review apparent disparities between how much employees on the World Service are paid compared to those in the UK news department.

Unsworth refused to reveal the details about the review but said she would be writing to staff about it in the next few weeks. She added: ìObviously the staff think there is an issue or they wouldnít have asked us to look at it. So we are looking at it.î

The World Service boss admitted that the publication of the list of salaries paid to stars such as Chris Evans had affected the mood at the BBC.

ìI would be lying if I said it hadnít. There is a bit of a febrile atmosphere I would say, in all truth,î she said.

Since youíre here Ö Ö we have a small favour to ask. More people are reading the Guardian than ever but advertising revenues across the media are falling fast. And unlike many news organisations, we havenít

put up a paywall ñ we want to keep our journalism as open as we can. So you can see why we need to ask for your help. The Guardianís independent, investigative journalism takes a lot of time, money and hard work to produce. But we do it because we believe our perspective matters ñ because it might well be your perspective, too.

I appreciate there not being a paywall: it is more democratic for the media to be available for all and not a commodity to be purchased by a few. Iím happy to make a contribution so others with less means still have access to information. Thomasine F-R.

If everyone who reads our reporting, who likes it, helps to support it, our future would be much more secure.
Become a supporter Make a contribution
Posted by: (chrisgreenway, dxldyg via WORLD OF RADIO 1892, DXLD) WTFK?

See also
http://www.bbc.co.uk/mediacentre/latestnews/2017/bbc-world-service-pidgin
presenting some alternative facts, because there are 11 new languages. They already had Serbian. I would have to dig out when they exterminated it, but in 1993 it was 1.5 hours a day, 15 minutes of them not only on shortwave but also on mediumwave from Albania, from the transmitter still believed at this point to be at Lushnje.

Apparently Amharic/Oromo/Tigrinya are to be expected between 1600 and 1700 on 9585/mey, 15700/dha, 17545/wof and/or between 1700 and 1800 on 9585/mey, 11625/sof, 17545/wof.

By the way: How much people have the BBC laid off as a result of the previous service closures, in particular the 2005/2006 slaughter feast? (Kai Ludwig, Germany, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

BBC WORLD SERVICE LAUNCHES £289 MILLION EXPANSION WITH SERVICES IN NEW LANGUAGES

The service aims to deliver BBC News in 40 new [sic!] languages.

http://home.bt.com/news/showbiz-news/bbc-world-service-launches-289-million-expansion-with-services-in-new-languages-11364205789080
Last updated: 21 August 2017, 17:01 BST

The BBC World Service will extend its reach across the world as it launches new services in 12 languages such as Amharic, Afaan Oromo and Tigrinya from next month.

The service aims to target areas such as Ethiopia and Eritrea as part of the £289 million expansion, its biggest since the 1940s.

The expansion will continue to roll out further services, including Korean, throughout the year with a view to deliver BBC News in more than 40 languages.

Plans begin on Monday with the launch of a new digital service in Pidgin, a language spoken by more than 75 million people across Nigeria, Cameroon, Ghana and Equatorial Guinea.

BBC World Service has its headquarters in central London (Lewis Whyld/PA) [caption]

Describing the wider project as a ìnew chapterî for the BBC, the broadcasterís director general, Lord Tony Hall, said: ìThe BBC World Service is one of the UKís most important cultural exports.

ìIn a world of anxieties about ëfake newsí, where media freedom is being curtailed rather than expanded, the role of an independent, impartial news provider is more important than ever.

ìThe new services weíre launching will reach some of the most under-served audiences in the world.î

Commenting on the new Pidgin service, which will feature six daily editions of BBC Minute, World Service director Francesca Unsworth said: ìFor more than 80 years the BBC World Service has brought trusted news to people across the globe.

ìIím delighted that millions in West and then East Africa will be able to access the BBC in the languages they speak.î

She added: ìThe BBC World Service expansion will also bring benefits to audiences in the UK. Having more journalists on the ground will enrich our international reporting, bringing news from areas which are often under-reported.î

The Pidgin service will grow in November to include two daily news video bulletins and will be followed by two further West Africa services, in Yoruba and Igbo, next year.

The upcoming services in Amharic, Afaan Oromo and Tigrinya will be supplemented later in the year with shortwave radio services made up of 15-minute current affairs programmes followed by five-minute Learning English programmes on weekdays (via WORLD OF RADIO 1892, DXLD)

BBC World Service begins expansion with 12 new languages
http://swldxbulgaria.blogspot.bg/2017/08/bbc-world-service-begins-language.html

-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, dxldyg via DX LISTENING DIGEST) Viz.:

Tuesday, August 22, 2017 --- The BBC World Service is launching in 12 new languages: Afan Oromo, Amharic, Gujarati, Igbo, Korean, Marathi, Pidgin, Punjabi, Serbian, Telugu, Tigrinya and Yoruba.

Korean service are set to launch from this autumn on these 2 registered shortwave frequencies:
1500-1900 on 5810 TAC 100 kW / 068 deg to NEAs Korean
1500-1900 on 9940 TSH 300 kW / 002 deg to NEAs Korean

The Amharic, Afan Oromo, Tigrinya services will launch online and on dedicated Facebook page next month. This will be followed later in the year on shortwave
1600-1700 9585 MEY 100 kW / 020 deg Amharic, Afan Oromo, Tigrinya*
1600-1700 15700 DHA 250 kW / 230 deg Amharic, Afan Oromo, Tigrinya*
1600-1700 21470 ASC 250 kW / 070 deg Amharic, Afan Oromo, Tigrinya*
1700-1800 9585 SCB 100 kW / 195 deg Amharic, Afan Oromo, Tigrinya*
1700-1800 11625 KCH 300 kW / 163 deg Amharic, Afan Oromo, Tigrinya*
1700-1800 15720 WOF 250 kW / 122 deg Amharic, Afan Oromo, Tigrinya*
or
1730-1830 9585 SCB 100 kW / 195 deg Amharic, Afan Oromo, Tigrinya*
1730-1830 11795 KCH 300 kW / 163 deg Amharic, Afan Oromo, Tigrinya*
1730-1830 15355 WOF 250 kW / 120 deg Amharic, Afan Oromo, Tigrinya*
1930-2030 6155 DHA 250 kW / 230 deg Amharic, Afan Oromo, Tigrinya*
1930-2030 9820 SLA 250 kW / 240 deg Amharic, Afan Oromo, Tigrinya*
1930-2030 17745 ASC 250 kW / 070 deg Amharic, Afan Oromo, Tigrinya*
or
1800-1900 7375 MEY 100 kW / 020 deg Amharic, Afan Oromo, Tigrinya*
1800-1900 9820 DHA 250 kW / 225 deg Amharic, Afan Oromo, Tigrinya*
1800-1900 11685 SCB 100 kW / 195 deg Amharic, Afan Oromo, Tigrinya*
1900-2000 7375 MEY 250 kW / 019 deg Amharic, Afan Oromo, Tigrinya*
1900-2000 9820 SLA 250 kW / 240 deg Amharic, Afan Oromo, Tigrinya*
1900-2000 17745 ASC 250 kW / 070 deg Amharic, Afan Oromo, Tigrinya*
* in each language with 15-minute news and current affairs programme, followed by a 5-minute BBC World Service Learning English programme from Monday-Friday. ??????????? ?? Observer ? 12:53 PM (Bulgarian DX blog via DXLD)

** U S A. 6604-USB, Aug 18 at 0549, VOLMET for Atlanta, several FL airports, Nassau and Bermuda are all ``missing`` repeated over and over, says New York Radio. Obviously no human is paying attention and as too frequently happens, the automation has failed. Frequency is shared with Gander which should take over at 0550, hopefully more successfully (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 10000, Aug 16 at 0615, WWV is loud and clear while other 31m

North American signals, i.e. WRMI are JBA. Must be some midnight Es enhancing. 5000, Aug 16 at 0616, I find WWV is still running an announcement this minute about their 25 MHz antenna in effect thru the eclipse. Aug 16 at 0618, propagation minute says SF 74, Ap 4, K 1 at 06, no storms in past 24 hours, minor G1 coming up (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. WORLD OF RADIO 1891 monitoring: confirmed Wednesday August 16 after 2100 on webcast of WBCQ, while 7489.978 is JBA (as measured a semihour earlier). Also confirmed Wed Aug 16 at 2330 on WBCQ, 9331.630v-CUSB, fair; creeping further upward. Next:

```
Thu 2330   WBCQ 9330v-CUSB to WSW
Fri 2330   WBCQ 9330v-CUSB to WSW
Sat 0630   HLR  6190-CUSB to WSW
Sat 1431   HLR  7265-CUSB to WSW
Sat 1930v  WA0RCR 1860-AM ND
Sat 2230   WBCQ 9330v-CUSB to WSW
Sat 2300   WRMI 11580 to NE
Sun 0200   WRMI 11580 to NE
Sun 0315v  WA0RCR 1860-AM ND
Sun 1030   HLR  9485-CUSB to WSW
Sun 2330   WBCQ 9330v-CUSB to WSW
Mon 0300v  WBCQ 5130v Area 51 to WSW
Mon 0330   WRMI 9955 to SSE
Mon 2330   WBCQ 9330v-CUSB to WSW
Tue 0030   WRMI 7730 to WNW
```

WORLD OF RADIO 1891 monitoring: confirmed Thursday August 17 at 2330 on WBCQ, 9331.6v-CUSB, poor. Next:

```
Fri 2330   WBCQ 9330v-CUSB to WSW
Sat 0630   HLR  6190-CUSB to WSW
Sat 1431   HLR  7265-CUSB to WSW
Sat 1930v  WA0RCR 1860-AM ND
Sat 2230   WBCQ 9330v-CUSB to WSW
Sat 2300   WRMI 11580 to NE
Sun 0200   WRMI 11580 to NE
Sun 0315v  WA0RCR 1860-AM ND
Sun 1030   HLR  9485-CUSB to WSW
Sun 2330   WBCQ 9330v-CUSB to WSW
Mon 0300v  WBCQ 5130v Area 51 to WSW
Mon 0330   WRMI 9955 to SSE
Mon 2330   WBCQ 9330v-CUSB to WSW
Tue 0030   WRMI 7730 to WNW
```

WORLD OF RADIO 1891 monitoring: confirmed Friday August 18 at 2330 on WBCQ, 9331.520v-CUSB, fair (Glenn Hauser, OK, DX LISTENING DIGEST)

Can anyone in Europe confirm whether HLR is back on 7265 as it is

supposed to be? Via UTwente, nothing but noise heard instead of World of Radio at 1431 (Glenn, 1431 UT Sat Aug 19, dxldyg via DX LISTENING DIGEST)

Only China Radio International in Sinhala at 1441 on 7265 via Kashi, no signal from HLR & WOR -- 73! (Ivo Ivanov, Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, ibid.)

Hi Glen[n], Yes, I'm just listening to World of Radio on there at the moment. Nothing was audible until around 1410 UT when it suddenly faded up here, average to fair signal at the moment.

I've often checked the Twente SDR during the afternoons and Channel 292 [6070] has not been audible on it, even though it was being received here in north west England. Just the propagation I think, it must be passing right over the Netherlands at that time of day, and I'm just in the right location for 6/7 MHz skip (Alan Gale, ibid.)

GERMANY, 7264.998, HLR via Schwerin Gˆhren, listen to the S=6-7 Signal in southern Germany, at 1448 UT on Aug 19. Glenn's WoRadio program in progress. 2 Hertz frequency lower side, Also S=5-6 poor signals from Asia adjacent, 7260 PBS Xinjiang Chinese from Urumqi China and 7270, some 3-4 different programmes mixture, terrible sound, TWN and CHN jamming, another Hohot Mongolian language sce, probably also AIR Madras in Sinhala ??? 73 wolfie df5sx (Wolfgang B¸schel, ibid.)

WOR 1891 confirmed Saturday Aug 19 at 2230 on WBCQ, 9331.36v-CUSB, good. Also confirmed Sat Aug 19 at 2300 on WRMI 11580, S9+20 to S9. Also confirmed UT Sunday Aug 20 after 0200 on WRMI 11580, fair. Also confirmed UT Sunday Aug 20 starting 0331 on WA0RCR, 1860-AM, fair. Next:

```
Sun 2330   WBCQ 9330v-CUSB to WSW
Mon 0300v  WBCQ 5130v Area 51 to WSW
Mon 0330   WRMI 9955 to SSE
Mon 2330   WBCQ 9330v-CUSB to WSW
Tue 0030   WRMI 7730 to WNW
```

WORLD OF RADIO 1891 monitoring: confirmed Sunday August 20 at 2330 on WBCQ, 9330v-CUSB, poor. Also confirmed UT Monday August 21 after 0300 on WBCQ, 5130v-AM, JBA; and after 0330 on WRMI, 9955, poor. These while I was in Salina KS.

Also confirmed Monday August 21 at 2354 the 2330 on WBCQ 9330.0v-CUSB, fair, while at Belle Plaine plaza on Kansas Turnpike. Now back on frequency! Also confirmed UT Tuesday Aug 22 at 0033 on WRMI 7730, Very good, as I am now back in OK --- but, recheck at 0042, 7730 is OFF, and so are all other WRMI frequencies on 5, 7, 9 and 11 MHz; still off after 0100, power failure? Last repeat of this week`s show, anyway.

WORLD OF RADIO 1892 contents: Algeria, Antarctica, Australia, Bhutan, Bougainville, Brazil, China, Colombia and non, Cuba, Eritrea, Ethiopia, France, German, Indonesia, International Vacuum, International Waters and non, Korea North non, Korea South, Morocco, New Zealand, Per˙, Saudi Arabia, Taiwan non, UK, USA

WOR 1892 completed less than an hour before first airings, Tuesday August 22 at 2130 on WRMI 9455, good, but 15770 a JBA carrier, can`t be sure of modulation, during heavy storm noise. Also confirmed Tue Aug 22 at 2330 on WBCQ, 9329.93v-CUSB, fair on the PL-880; recheck 2350 on the R-75, 9329.908v-CUSB. Also confirmed Wed Aug 23 at 1050, the 1030 on WRMI 5850, VG S9+30, but // 9455 is a JBA carrier. Also confirmed Wed Aug 23 after 1315 on WRMI 9955, S9+10/S9, no jamming. Next:

Wed 2100	WBCQ 7490 to WSW
Wed 2330	WBCQ 9330v-CUSB to WSW
Thu 2330	WBCQ 9330v-CUSB to WSW
Fri 2330	WBCQ 9330v-CUSB to WSW
Sat 0630	HLR 6190-CUSB to WSW
Sat 1431	HLR 7265-CUSB to WSW
Sat 1930v	WA0RCR 1860-AM ND
Sat 2230	WBCQ 9330v-CUSB to WSW
Sat 2300	WRMI 11580 to NE
Sun 0200	WRMI 11580 to NE
Sun 0315v	WA0RCR 1860-AM ND
Sun 1030	HLR 9485-CUSB to WSW
Sun 2330	WBCQ 9330v-CUSB to WSW
Mon 0300v	WBCQ 5130v Area 51 to WSW
Mon 0330	WRMI 9955 to SSE
Mon 2330	WBCQ 9330v-CUSB to WSW
Tue 0030	WRMI 7730 to WNW

(Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7489.978, Aug 16 at 2042 WBCQ is JBA and off-frequency here during `Financial Survival` prior to WOR at 2100 (Glenn Hauser, OK, DX LISTENING DIGEST)

Tonight's AWWW [WBCQ 7490v, Aug 18-19 UT] --- Show started at 2359 this evening. With Allan in Florida guest host was Tom Barna along with Dr. Becker and Jason. Allan called very early during the show. Mentioned a bit about the eclipse they would be viewing in South Carolina [and visiting Brother Stair] and then talked at length about the recent, despicable trend of destroying our history by tearing down monuments. Doctor Becker disappeared after Allan got off the phone. Tom and Jason ran the rest of the show which consisted of three long phone calls. There were no emails read this evening and no station info. Show was off the air at 0110 (John Carver, Mid-North Indiana,

0120 UT Sat August 19, DX LISTENING DIGEST)

** U S A [and non]. From the Isle of Music & Uncle Bill's Melting Pot, August 20-26

From the Isle of Music, August 20-26

This week our special guests are Feliciano Arango of Los Hermanos Arango, whose albumThe Arangos Worldwas nominated for a Cubadisco Award in the Afrocuban Tradition category; Gizelxanath RodrÌguez of the Afro YaquÌ Music Collective and Albertico Lescay of Formas. Youíll hear some excellent Fusion in this episode.

Four opportunities to listen on shortwave:
1. For Eastern Europe but audible well beyond the target area in all directions with 100 kW, Sunday 1500-1600 UT on SpaceLine, 9400, from Kostinbrod, Bulgaria (1800-1900 MSK)
2. For the Americas and parts of Europe, Tuesday 0000-0100 UT on WBCQ, 7490 from Monticello, ME, USA (Monday 8-9 PM EDT in the US)
3 & 4. For Europe and sometimes beyond, Tuesday 1900-2000 UT and Saturday 1200-1300 UT on Channel 292, 6070 from Rohrbach, Germany.

From the Isle of Music is not available for listening on demand but some broadcasts can be heard online during the time of the broadcast using Web SDRs or the WBCQ website (during their broadcast) if you are not receiving the radio signal.

FOOD FIGHT! Episode 26 of Uncle Billís Melting Pot, a musical variety program that features a little bit of everything from around the planet, will air on WBCQ the Planet, 7490, Thursday, August 24 from 2300-2330 UT (7:00-7:30 pm EDT in the Americas). This week we honor the mighty pierogi, the subject of a nasty court battle by two festivals, with various songs about food. Also, another contest. WBCQís signal has been reaching the Americas, East to West, down at least as far as S„o Paulo, Brasil, and well into Central Europe of late. Thanks for all you do for radio (William "Bill" Tilford, Owner/Producer, Tilford Productions, LLC, Aug 17, DX LISTENING DIGEST)

** U S A. 11580, Aug 16 at 2017, WRMI with BS here // stronger 11825, instead of an hour of diverse programming. Mistake? Hope so, as anything but BS is to be preferred.

At 2017, I quickly check some other frequencies: 9455 has gospel huxter in Spanish, so what is it // to? I bet it`s `Creciendo en Gracia`, Wednesday, the only SS program scheduled this hour on 11580, flipped. 9455 is S9 and stronger than 11580; 9395 is much weaker but seems still Oldies; 15770 is BS at S4-S6.

11580, Aug 17 at 1306, WRMI with no RAE relay in French, but instead a gospel huxter in accented English; 1314 closing until ``next Sunday right here on this wonderful station`` but no name. No ID at 1315 but right into next show `Hope for Today`; and 1330 to `The Redemption Hour`; 1352 a different g.h. in accented English; 1359 WRMI ID and then ID as Radio Africa Network on ``21525`` (only). 1400 into RAE music beat, but no RAE in Spanish; 1403 switch to other music fill.

Meanwhile I try to // 21525 which is JBA here, but at 1402 unseems //. At 1415, 11580 with another g.h. in English and now I can barely make it // 21525. 1429 RAN ID with P O box in Zimbabwe. By 1504, 11580 should have rejoined Brother Scare, but it`s not // 11825, instead gospel music, maybe still duplicating 21525, again too weak to be sure.

So has 11580 been getting a misfeed of the 21525 program line, or put there intentionally to fill absent RAE? Their relay deal was initially said to be ``temporary``. Must check out the other RAE relays whether they still exist, notably English at 01 on 9395! I see that RAE has continued to upload new programs in all languages as of Aug 16-17

11580, August 17 at 1807, WRMI with choral music not // 11825 Brother Scare as it is supposed to be at 15-20 UT. At 1809, 9395 // 9455 correctly with Oldies. Yes, at 1859, 11580 still IDs as Radio Africa Network on 21525 (only).

So at 1930 I finally notify: ``Jeff, Have been hearing Radio Africa ``21525`` programming on 11580 all day, as early as 1300 and still 1900 UT. If this is a mistake, perhaps you can get 11580 programming back on 11580 by 2000? 73, Glenn``

But at 2015 next check, 11580 is music and gospel huxter still not // anything, except presumably inaudible 21525. Reply comes from Jeff at 2050:

``Glenn: It's a bad switch on our automation system. It's now being switched manually until the switch is fixed, so programming should be OK``

9395, Aug 18 at 0146, interview in English with someone in New York, presumably RAE correctly.

11580, Aug 18 at 1322, back to BS instead of RAE in French; next check 1358 separate music from 11825, and 1400 into RAE in Spanish for jueves. I advise Jeff, who is probably in South Africa already for HFCC B-17, that the Okeechobee ops need to be vigilant for other anomalies we have noted (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. The ministerial overcrowter confirmed the reception through Okeechobi in mid-July. Surname in the card indicated Varzin, experiment with the Cyrillic alphabet; Card previous. There was also a letter about the current difficult times and schedule. There is no stamp on stamps (Victor Varzin, Kommunar, Leningradskaya oblast, Russia / "deneb-radio-dx", via QSL World, Rus-DX August 20 published Aug 19 via DXLD) I suspect this is about The Overcomer via WRMI (gh)

** U S A. 5830, WTWW Lebanon TN (presumed); 1118, 16-Aug; Permanently Passed Palaverer of Perdition Pastor Pete Peters on a roll about bastard teachers & preachers trying to keep me out of Heaven; ìSome of you are going to burn!î; also mentioned the resonant annointing oil he uses (euphemism for K-Y Jelly?) S20+ (Harold Frodge, Midland MI, MARE Tipsheet Aug 17 via DXLD)

9930, Sat Aug 19 at 1800, WTWW-2 is still missing from this frequency, no `Theater Organ in the Ozarx`. 9475 WTWW-1 remains on but undermodulated/distorted. 12105 WTWW-3 remains totally off. It seems that the site may have had a lightning strike messing up at least two of the transmitters. Once modulation modules have been damaged, you can`t compensate by trying to force more audio thru them; that merely over-drives them, causing distortion, a symptom we encounter repeatedly at other SW stations (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7490 USA. WWCR #3 - Nashville, 1212, 8/18/17, in English. A talk show with a woman and man spinning out a conspiracy theory about how Trump will be ìtaken outî at the behest of George Soros citing ìInfo Warsî and similar ìnewsî items. It would be laughable if some people were not taking them seriously. Very good signal (Mark Taylor, Madison, Wisconsin. Equipment: Perseus, SDRPlay, RTL2832 V3 dongle for SDRís; E1, Satellit 800, PL 660, and various other portables for physical radios; 40 meters dipole, 100í long wire, Mini whip, NASWA Flashsheet via DXLD)

** U S A. 720, WGN, IL, Chicago ñ 8/6 0458 [EDT = 0858 UT] ñ Good; ìChicago's memorable music is back on the radio, at 87.7 FM... First on your dial at 87.7 FM, MeTV FM.î This is WRME-LP, a low power TV station broadcasting oldies music on 87.75 MHz, the carrier frequency for analog TV channel 6 audio (Bruce Conti, NH, NRC DX News Aug 28 published Aug 21, via DXLD) Is this FM operation legal, or is a Chicago-area pirate station brazen enough to advertise on WGN? (Mike Brooker, Ont., ed., ibid.)

** U S A. Application for CP dismissed: 760, KFMB, CA, San Diego ñ Application for U2 5000/10000 withdrawn and dismissed (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD)

So must remain 5000/50000 U2. Yes, that means 10 times the power at night but becoming direxional = cardioid into Pacific, null toward Denver and Detroit (gh, DXLD)

** U S A. It won't surprise me if a lot of AM stations with translators start IDing as their AM call sign followed by FM. We have that in the Denver area with KLVZ 810. In their legal ID, which also gives the translator ID, they end up saying "KLVZ-FM," but in reality, there is no KLVZ-FM. The only presence KLVZ has in the FM band is their translator. KLVZ is still digital during the day, but only analog at night. 73, (Kit W5KAT, ABDX via DXLD)

** U S A. Application for STA denied: 1010, KXEN, MO, St. Louis ñ Application to operate with reduced day power (10 kW) to test its effects on listeners denied; FCC rules do not allow a station to operate temporarily with reduced power (providing less than licensed service, but enjoying protection from QRM to its full licensed facility) for nontechnical, economic reasons (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD)

** U S A. 1070, KFTI, KS, Wichita ñ Granted STA, U1 10000/250; vandalism to lines to one tower. (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD) Originally 10000/1000 U2 (NRC AM Log)

** U S A. 1120, KLIM, CO, Limon ñ Applies to extend STA, D1 10, temporary antenna (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD) Yes, that`s TEN WATTS, daytime only --- what a DX target! (gh)

** U S A. 1130, Aug 19 at 1758 UT, weak signal of music? too weak to be KLEY nearby Wellington KS; also inferior to 1120, 1140 and 1150 stations. KLEY had been AWOL earlier, came back, and may have been off for some time again, not checked for recently.

1130 KWKH Shreveport would not be playing music except incidentally during sports talk. There is another possibility, 25 kW direxional daytimer KTMR Converse TX (Houston market), listed last year as Spanish religion. Pattern is flattened with a null toward KWKH, of course, major lobes WNW/ESE, including some to the NNW, ourway. But really too far for daytime over-Texas groundwave, except maybe a remnant (Glenn Hauser, OK, DX LISTENING DIGEST) no, it must really be KLEY on reduced power. See later Eclipse trip log below (gh)

** U S A. [1200, Detroit] Paul Dobosz says: Looks like WCHB will be dark for at least another month. The attached excerpt from the Crawford Broadcasting engineering newsletter covers the technical details for the transition between owners. The new owners will be spending some serious $$ upgrading the station including a brand new solid state Nautel transmitter with MDCL (Modulation Dependent Carrier

Level). They hope to go live in October but are at the mercy equipment and tower crew availability.

The Local Oscillator August 2017 by Engineering Director Cris Alexander --- The Newsletter of Crawford Broadcasting Company Corporate Engineering --- WCHB.

It has been a long work in progress, but weíre now coming down the home stretch to closing on WCHB in Detroit. This 50 kW blowtorch uses four towers day and ten (!!!) at night to blast the Detroit market with a first-class AM signal. It will be a great addition to our cluster there.

Once we close, the real work begins. I plan to order a new Nautel NX50 transmitter immediately. The existing late-1990s vintage Harris DX50 will slide into auxiliary service. That transmitter has a history of module issues. We want to go on the air with a solid, reliable, full-power signal.

Next on the list is a Trango Apex Lynx 11 GHz microwave link from the studio to the WCHB site. We already have the FCC permit for this, so weíre good to order equipment and schedule tower work to install and path the system. We will put the studio end of the link on the WMUZ tower at the studio. At the transmitter site, the dish will go on tower #3, where there is already a 6-foot 950 MHz grid antenna (which we will take down). We will also have to install a lighting choke at the tower base to couple 120V.

AC power onto the tower for the microwave radio (the 162-foot WCHB towers are unlit and have no power on the structures).

At the studio, we have to install a new station license on our Nexgen system and add an audio server and Wheatstone blade. We also need to decide what codecs we plan to use to get the audio out to the new AM site.

Brian Kerkan and I have been kicking around the idea of putting a blade at the transmitter site and transporting the audio that way. That would save us the cost of one codec, and it would be elegant in that we could simply map the output of the audio server blade program bus to the blade at the transmitter site. The challenge will be integrating the VLAN for Wheatnetís class C network with the other network traffic for the transmitter site over the single, bandwidth-limited (47 MBPS) microwave link data pipe. We would need a rather sophisticated switch, such as a Cisco 2960, on each end to merge, split and manage the traffic. Brian is going to try this on the bench in the coming days to see if we can make it work.

At this point, assuming we close early this month, we are anticipating a sign-on date of early to mid- October. That is totally dependent on equipment delivery and installation schedules. Obviously, we cannot install what we do not have, and it will take a few weeks to get things up and running once we do get the equipment. Tower crew scheduling is another wild card. We plan to install a backup data link (internet) at the site, so we may be able to go on the air using that link if we donít have the microwave link up and running.

Weíll have an update in next monthís issue, hopefully all good news on getting this great station assimilated into our operation (MARE Tipsheet Aug 17 via DXLD)

** U S A. Wisconsin, 8/12/17, ~1500z, WXCO, 1230, Wausau, WI is back on frequency; noted with < 2 Hz S.A.H. with WFER, Iron River, MI. Had noticed ~95 Hz rumble had disappeared some time ago, but just assumed it was not audible in the nighttime co/channel mush. Heard on daytime ground wave from 40 mi NW of Marinette, WI. Rx: Realistic 12-650 and 150-foot random wire (Steve Zimmerman, DX LISTENING DIGEST)

** U S A. 1270, WXYT, MI, Detroit with ads and Sports-talk blather. This is the third and final IBOssssss station seen at the Lake. Their lower digital sideband messes with 1250 WNEM Catholic talk even -- the waveform of this one is ëdifferentí than the other IBOsssss stations Iíve seen. The digital data is ënarrowerí but it starts farther from the nominal carrier so decoding the ëunQRMedí sideband of an adjacent station is easier. ìDetroit CBS Sports Radio 1270î non-IDs regularly. 55555, 1610-1620 13/Aug, SDRPlay +HDSDR +randomwire (Kenneth Vito Zichi, Port Hope MI2, MARE Tipsheet Aug 17 via DXLD) IBOC

** U S A. NEW STATION WATCH --- 1340, WWNH, NH, Madbury ñ Longstanding unbuilt CP, reinstated last year, now dismissed. The station operated for several years in the 1990s on its license to cover; the licensee (Brian Dodge) settled an FCC investigation into his extensive FM translator network last year that allowed him to keep a few FM translators and build this CP subject to submitting documentation within 180 days, but nothing was ever submitted, so the FCC cancelled all the licenses and CPs (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD)

** U S A. NEW STATION WATCH --- 1490, KHTC, MT, Malmstrˆm AFB ñ This ìnewî station has been on the air since 2011 but is still listed as a CP. It seems the original applicant got the CP for a site that was under water most of the year and had no electrical power; when the current owners bought the as-yet-unbuilt CP in 2010, they applied to move the tower, and the FCC granted that amendment to the CP, but without getting any of the required permits (especially for archeological or Native American significance). The licensee filed a

stack of letters with the FCC on August 16 attesting to the lack of any problems with the go-ahead for final licensing (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD)

** U S A. 1700, KKLF, TX, Richardson ñ Checking some things for the new Log, we found that the CP to consolidate the separate day/night transmitter sites (at the same U1 10000/1000) was in fact finally licensed and on the air at U1 5000/1000. Seems the 10 kW day power was creating too much QRM for the neighbors (AM Switch, NRC DX News Aug 28 published Aug 21, via DXLD)

** U S A. [originally appended to Eclipse DX: see PROPAGATION]

NOW, backing up, about my trip to Fairmont NE and back, other non-eclipse radio logs, this time in frequency, not chronological order:

550, August 21 circa 1600 UT entering Nebraska on the other side of KFRM, its pattern is very evident as circle tangent to the southwest, making it a bigsig daytime in Enid, but now it`s weakening and with a ripple SAH, which I can only conclude is caused by KFYR Bismarck ND, which is also 5 kW day, but non-direxional and has a tremendous groundwave coverage area. At the Eclipse site in Fairmont NE, I get a 5 Hz SAH on 550 between the two. KFRM Salina used to announce that its transmitter is in Cloud County, Kansas.

570, August 21 at 2106 UT, WNAX Yankton SD is playing ``The Star Spangled Banner``, nice rendition by a baritone, a cappella, IDed as Gerald ---, since a Minnesota Twins game is starting. WNAX makes it to Enid on groundwave, but not without KLIF CCI.

1130, August 20 at 1735 UT, I am trying to hear KLEY Wellington KS, which has been JBA in Enid on daytime groundwave, where its listed 250 watt daytime power used to be quite sufficient that far away. It must have been what I was hearing before, but so weak I suspected to be something more distant, maybe Houston [see above]. KLEY also supposedly ONE WATT at night. It`s still far too weak on the road, but gradually improving; still weaker than 1140 OKC or 1150 Salina or 1120 Tulsa. As soon as we get into Kansas, KLEY is quite better, surprisingly at 1735 UT with an ad for the Pratt area Chamber of Commerce, which is far on the other side of Wichita and surely not in KLEY`s coverage either, but then a Wellington ad for RCB Bank.

1738 UT back to programming, which is a drama for kids about Pawnee Ann and her decoder badges, also mentions Hapnore (?) Candy. Or is it Bonnie Ann? No, ``Pawnee Ann Hillside``. Strange. 1749 outro credits as having been ``Kansas Radio Theater on Rocking M Stations``; so that`s what many/all of them carry at noon Sundays. 1751 The Wave ID for KLEY with 100.3 translator. 1752 back to music. 100.3 was just

starting to fade in north of Medford OK. To enquire about their true AM power, I was considering dropping in for a visit at KLEY which we have passed many times on US 81, except now it`s on a detour in KS so we don`t go by it; bridge out? This area had heavy flooding 11 months ago when I was going to the Kansas City convention. Around Wellington, of course, 100.3 is loud & clear and $tereo.

1390, August 21 at 1959 UT, I make a point of listening to the local station here as I am not going to hear it in Enid vs local NSP KCRC 1390 (& 1330 & 1360 & 1420 & 1450 spurs). It`s KNCK Concordia KS, 500/54 watts U1. Illegal ID only as ``You are listening to KNCK, 98.3 FM, we are Concordia Radio`` and Oldies. Exactly same canned non-ID heard at 2125 UT. 98.3 is in fact a paltry translator, K252EY.

1610, etc., during the entire trip up and down US 81, frequent chex for TIS stations, but none heard on the X-band in NE or KS. There might have been some along the Prairie Trail Scenic Byway from exit 72 north of McPherson; like there were last year along the Tallgrass Prairie Scenic Byway off I-35.

On 530, only hear the usual NOAA Weather Radio Wichita relay by the Kansas Turnpike Authority.

BTW, the Travel Info Center at the Belle Plaine service plaza on the turnpike south of Wichita is always closed when I go by there: after 6 pm in summer, 5 pm rest of year. I complain when belatedly ordering a new map and other material by mail. Don`t they have any idea how much traffic goes by there while it`s closed? Of course, the KTA would have precise figures. Another welcome center just south of Nebraska at Belleville KS is advertised on the hiway but when we go there, the building is out of service! I suppose we have ex-Gov. Brownback to thank for that. Good riddance in so many other ways! At least Salina and Concordia enjoy Dairy Queens, unlike Enid. Concordia`s is packed after the E-vent, so we visit Salina`s coming and going.

We spend the night in Salina KS in order to get an early start the next day to Eclipseland. We are pleased that the Motel 6 cable TV provides two public TV stations, KPTS and KOOD and all their subchannels (Glenn Hauser, NE & KS & OK, DX LISTENING DIGEST)

** U S A. DX FM now, its going to get densely crowded
radioworld.com

HERE`S WHAT TO WATCH FOR NEXT IN AM TRANSLATOR PROCESS By Paul McLane

What happens next in the area of FM translators for AM stations? We turn again to John Garziglia of law firm Womble Carlyle Sandridge & Rice, who keeps a close eye on this sector.

Radio World: What was your reaction to the outcome of more than 1,000 Class C and D AM stations applying in the most recent window?

John Garziglia: Surprised. The strong reaction tells me that AM station owners really do care about serving their listening audiences in the very best way possible.

RW: Why do you think interest was so strong?

Garziglia: In talking to broadcasters who have already paired an FM translator with an AM station, I have never heard an AM station owner lament that obtaining an FM translator was a bad idea. Rather, I repeatedly hear that even if the FM translator covers just a fraction of the AM coverage area, having the `FM` designation on sales materials alone brings in advertisers that otherwise would not buy. Too many merchants and business owners have the fallacious notion that no one listens to AM anymore. Rather than battling that fake fact, an AM station obtaining an FM translator picks up business that it would otherwise not enjoy.

RW: What further conclusions do you draw from these results or from what you`re hearing from your own clients?

Garziglia: There are some forward-thinking AM broadcasters that view an FM translator as a bridge to an all-digital AM station. The FCC has yet to authorize all-digital AM, and there will be a substantial capital cost to implementing all-digital AM. For AM stations with consistent day/night coverage areas, and otherwise robust signals, all-digital may be the ultimate revitalization of the AM band as increasing numbers of radio receivers with HD capabilities proliferate. No AM station would likely do a hard-cut to all-digital. But, with an FM translator to serve the analog listening audience, all-digital operations to that portion of the listening audience with HD radios becomes attractive.

RW: Briefly describe the next steps in the FCC?s process including MX and auction considerations.

Garziglia: The current 1,000+ applications will be sorted into two silos: `singletons,` which are those that do not conflict with any other application filed in this window, and mutually-exclusive applications that do conflict.

The FCC is expected to soon publish a list of the singletons, and give each of those applicants a time period in which to file a complete application which, if grantable, will result in a construction permit that will be good for three years.

For the mutually-exclusive applicants, the FCC will likewise publish a listing, and give those applicants a time period to remove the conflicts, either through technical changes to the application or through agreed-upon dismissals of applications. If the conflict is removed, the applicant will be given the opportunity to file a complete application. If the conflict is not removed, then the mutually-exclusive application will go to an FCC auction.

The big question now on everyone`s mind is timing. While there is no exact number of singletons, a good estimate is that 80% of the applications filed are singletons. These 800+ applicants, representing 800+ AM radio stations, are very anxious for the FCC processes to move forward. Sooner, rather than later, it can be expected that these 800+ AM station owners will start calling, emailing and visiting Chairman Pai and the Audio Division staff asking when the singleton list will be released and the opportunity to file complete applications commenced. For its own bureaucratic sanity, the FCC should expeditiously issue the singleton list and likewise move forward quickly on the settlement window for mutually-exclusive applications.

RW: Any opinion about when and how we might see action on other AM revitalization rule changes from the FCC soon? Chairman Pai seems to like using the fall Radio Show to announce such things.

Garziglia: While there are other items in AM revitalization still to be addressed by the FCC, none has benefits as wide-ranging as the FM translator windows for AM stations. The best news that Chairman Pai can bring to AM broadcasters at the Radio Show is an expedient schedule for processing the 1,000+ just-filed applications, and a scheduled date for the opening of the next AM-exclusive FM translator filing window for Class A and B AM stations.

RW: What else should we know or be watching for right now?

Garziglia: In the category of pending issues to watch, `any-channel` and `interference` are both salient topics.

The topic of `any-channel` concerns FM translator channel change applications, both as an amendment to existing ungranted application to enable the removal of mutual-exclusivity, and to remediate a claim of interference once an FM translator is on the air. The FCC now has a proposal filed by the NAB before it in RM-11787 to allow FM translators to modify to any commercial-band channel.

The topic of interference will impact some of the FM translators applied for by AM stations, either prior to a grant or after the FM translator goes on the air. The FCC has before it a proposal to amend

the translator interference rules filed by Aztec Capital Partners, Inc. in RM-11786. Every FM station and existing FM translator owner should be working with its consulting engineer in the next several weeks to ascertain whether any FM translator applications filed in this window have a potential to create harmful interference to its established listening audience. The FCC`s application processing procedures for the long form FM translator applications will give only a short amount of time for filing objections. Therefore, it behooves existing stations to watch the changing FM spectrum landscape for the foreseeable future (via Kevin Redding, ABDX via DXLD)

** U S A. THE FCCíS PIRATE FIGHT MOVES WEST
rbr.com By Adam Jacobson August 22, 2017
https://www.rbr.com/the-fccs-pirate-fight-moves-west/

Since the change in command at the FCC, thereís been a very noticeable difference in how it is dealing with the proliferation of unlicensed radio broadcasters. The public release of the Notice of Unauthorized Operation (NUO) has become a nearly routine offering from the Commission. Yet, most of these NUOs have focused on pirate radio operations in South Florida, New York City, and the Boston area.

Now, the Chicago and New Orleans field offices of the FCCís Enforcement Bureau are stepping into the fight to quash pirates. These violators are in suburban towns, far from the urban centers where such activity is rampant and recidivist.
Posted by: (Mike Terry, Aug 23, dxldyg via DXLD)

** U S A. Morning of August 18, tropo is up from eastern OK and Arkansas. William Hepburn`s map for 15 UT shows a Level 8 extreme tropo blob in western Arkansas, around a tiny Level 9 spot; progressively less toward us, as usual on the edge of an opening.

Most UHF and hi VHF channels display at least a Bad signal on the Zenith box and/or Sanyo TV. Many otherwise OKC-area Good signals are either broken up or bad due to DX interference: RF 7, 13, 15, 17, 27, 29, 33, 46.

OKC low powers are making it: 41 KBZC-LD, 36 KUOK-CD. Also still past 1612 UT, the only NTSC analog, 48 KOCY-LP, with Don Cheto and his prancing girls on Estrella TV.

RF 18, KFSM-DT Fort Smith AR is the only solid DX, as 5-1 with CBS; 5-2 with KXNW-DT, and 5-3 with Antenna TV; weakening during the 15-16 hour (Glenn Hauser, Enid OK, DX LISTENING DIGEST) DTV

** VIETNAM. 9635.850, Aug 17 at 1258, S4-S6 in Vietnamese, so this VOV remains far off-frequency. David Sharp, NSW had even measured it 40 Hz

beyond 9636 on August 5 (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 5940 unID; Hi folks, I caught this one again and I made a recording at 1912 via Twente SDR, from the very beginning of a lenghty talk section. I only missed the first sentence which was likely "salam aleykum, bismillah al rahman al rahim". There might be an ID at 00:08-00:10. Talk is very fast overall, hard to make out anything. Listen at
http://www.muenster.org/uwz/ms-alt/africalist/5940.wav
(5MB, 3 mins) 73 (Thorsten Hallmann, Germany, Aug 17, dxldyg via DXLD)

Seems like the word ``radio`` goes by around :09 (gh, DXLD)

and off air at 2020 UT -- 73! (Ivo Ivanov, ibid.)

Unknown station with African music and talks August 17:
1830-2020 5940 unknown tx / unknown to Af?? unknown lang, weak signal
http://swldxbulgaria.blogspot.bg/2017/08/unidentified-station-with-african-music.html
-- 73! (Ivo Ivanov, Sofia, Aug 17-18, DX LISTENING DIGEST)

Later identified as a new service for Somali region of ETHIOPIA: q.v.

UNIDENTIFIED. 10024-AM, August 18 at 0540, VP carrier and trace? of modulation? Might be a leapfrog from the 31m band, except one or both would have to be off-frequency, unlikely. Pirate?

EiBi has one entry on 10024, but never specifying mode, AM or SSB:
``10024 0000-2400 HONDURAS COCESNA Cenamer Control E CAm``
So what is COCESNA?

http://cocesna.org/index.php/acna/

``QuÈ es ACNA? COCESNA es el organismo responsable por la prestaciÛn de los Servicios de NavegaciÛn AÈrea en la Region Centroamericana mediante la Agencia Centroamericana de Servicios de NavegaciÛn AÈrea ACNA, la cual nace con la reforma de los Estatutos el 1 de junio de 2001 y se encuentra ubicada fÌsicamente en Tegucigalpa, Honduras, siendo su actual Director el Licenciado Juan Carlos Trabanino, y donde se agrupan los servicios p˙blicos de:

Control de Tr·nsito AÈreo
Telecomunicaciones Aeron·uticas
InformaciÛn Aeron·utica
Radio-ayudas a la NavegaciÛn AÈrea.
Actualmente esta DirecciÛn desarrolla importantes proyectos.``

But that still doesn`t explain explicitly what the letters COCESNA stand for! We have to go to The Free Dixionary:

``CorporaciÛn Centroamericana de Servicios de NavegaciÛn AÈrea (Central American Corporation for Air Navigation Services)`` (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 11802-USB, August 18 at 1434, 2-way in colloquial Spanish INTRUDERS. Mentions ``madre``, no doubt a shortened expletive, much like in English. Kudos on their frequency management, as there are no AM signals bothered on either side, 11800/11805 (Glenn Hauser, OK, DX LISTENING DIGEST)

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UNSOLICITED TESTIMONIALS
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No new contributions this week by check or MO in US funds on a US bank to Glenn Hauser, P O Box 1684, Enid OK 73702; nor via PayPal, not necessarily in US funds, to woradio at yahoo.com (WOR 1892)

I wanted to thank you again for letting me get on DXLD as it has upped my ability to find better DX based on daily e mail reports (John Cooper, PA)

PUBLICATIONS
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DTV XLS database

I am looking for the LATEST XLS file for the US TV database. If it includes Canada and Mexico, that would be great! Can anyone help me out with this? I'm looking for the format that allows me to plug in the LAT/LONG for my QTH. Thanks! (Jim Thomas, Springfield, Missouri, WTFDA via DXLD)

Hi Jim, the last update that I did was on April 2nd, 2017 and can be found here -
https://www.dropbox.com/s/1fwt76c0747q55q/2017-04-02-FCC%20TV%20Database-v1.xlsm?dl=0

Itís not real obvious but in columns R and S at the top is where you would enter your coordinates. Trick here is that Longitude must be entered without the minus sign. Sorry, I didnít write the equation. The data is dumped from the FCC DB and looks like it includes the US, Canada and Mexico. Expect that I will update the spreadsheets once a year around Spring time.

AM Database:
https://www.dropbox.com/s/5zupuzqry0yey8u/2017-04-02-FCC%20AM%20Database-v2.xlsm?
~~~~~~

dl=0

FM Database:
https://www.dropbox.com/s/wd5jxlvjuh6bvuv/2017-03-29-FCC%20FM%20Database-v2.xlsm?dl=0
(Bill Nollman, Farmington, CT, WTFDA via DXLD)

That's it! Thanks guys! [later:] I downloaded the TV database and saved my LAT/LONG co-ordinates to it. I have DISCOVERED errors in the database already!

I was starting to make a mirror copy from my existing database from 2015, for comparison. I was going through it, marking stations that I have dxed already. By far the majority of the listings are correct. But I don't like the fact there are ANY mistakes in the database.

As an EXAMPLE, I have logged KETS 7/2 Little Rock AR in the past. KETS' tower is 205 miles from my QTH. I have checked the KETS distance on Google Maps distance measurement tool. This referenced database I downloaded today says KETS is 511 miles from my QTH, which is INCORRECT. Twice the distance???? It also says the azimuth is 135 degrees. KETS is 161 degrees from my QTH. Clearly the Lat/Long for KETS is incorrect.

I also don't like the fact that it DOESN'T have a column for re-map channel numbers, as I have been using a copy from 2015 that does. I think I got that from Mike Glass.

Anyway I thought I should share that with anyone that MIGHT BE USING this particular database and relying on it for accurate numbers. I just started to use it and have already encountered what I consider to be a pretty big mistake, so how can I trust it for factual information?

I won't be using that database for a dx log. FYI.

[later:] I retract the statement that the Lat/Long are incorrect. The Lat/Long for KETS is correct, but the database is telling me the distance is 511 miles. I thought the distances for most listings were correct, but they are not. I believe when I entered the Lat/Long for my location in the database, it didn't change the distances from the previous saved location (whoever developed this database). So now the question is - how do I get this database file to recognize NEW co-ordinates? (Jim Thomas, Springfield, Missouri, ibid.)

Jim, I've used Bill's database and it works fine. I also have one from 2015 from Mike Glass and the figures match, and are correct. I'm not sure why it is not working for you. I seem to remember having to try

entering the coordinates a few times to get them to lock in place, but once done, all was good and accurate (Steve Rich, Indianapolis, ibid.)

Excel sorting can sometimes work in ways you don't expect. My guess is this is what's going on. Right now I can't check as I'm driving back from NC. Jim send some examples offline (Bill Nollman, ibid.)

If you have correctly entered your lat and long in the format designated, that is what should be driving both the distance and the azimuth. Those aren't coming from the FCC data (Russ Edmunds, Blue Bell, PA, (15 mi NW of Philadelphia), Grid FN20id, ibid.)

Save it, close it, reopen it (Russ Edmunds, Blue Bell, PA, ibid.)

Jim, send me your lat/long and I'll input into my copy and if they work I'll send it to you (Russ Edmunds, ibid.)

BTW the file doesn't include Mexico (Russ Edmunds, Blue Bell, ibid.)

It sure does (Bill Nollman, ibid.)

I've ridden this bicycle multiple times before! I am aware of the FORMAT the LAT/LONG has to be. I have entered it, saved it, closed out and reopened until I was blue in the face (holding my breath because it was pissing me off). It has not changed. Mike Glass might be able to help me with this. Thanks for the offers (Jim Thomas, Springfield, Missouri, ibid.)

Methinks thou hast an evil spirit in your [sic] Excel software (Russ Edmunds, Blue Bell, PA, ibid.)

Like I said earlier. Excel sorting (after entering Long/Lat) and sorting by distance, channel, etcÖ can be tricky at times. With Girard`s spreadsheets I would be able to sort once without a problem. The next time I would have to manually highlight every row and column to select the data then sort otherwise it wouldnít sort. And when I was creating these spreadsheets I did have a problem with incorrect mileages and if I remember it was because I had hidden rows (the stations long/lat IIRC) that wouldnít get selected when sorting. So everything would sort except the long/lat columns which ruined everything. As to Mexico (and Canada) they are in my copy which was created 4/2/2017 at 5:29PM and is 2,743 KB. I canít imagine why those wouldnít be showing up. As for remapping info, unless itís in the FCC query page I donít have that. Happy to have someone tell me where I can get a query that does provide that and Iíll update the spreadsheet Bill (now back home from vacation and very unhappy about having to work tomorrow) Nollman, ibid.)

Mine's 3/31 5:26 PM so perhaps you added Mexico later. I never had any problems with Girard's spreadsheets, and the only problem I've had with yours and/or Mike's have been the common Widows problem where you open the file once and it says it's locked and so you close and re-open and now it's not locked, or the parallel issue where you open it and it's declared not a safe document and you do nothing more than close and re-open and it's OK. I get that with Excel, Word and Access. (Russ Edmunds, WB2BJH, Blue Bell, PA, ibid.)

NEW OWNER FOR PRACTICAL WIRELESS AND RADIOUSER MAGAZINES
Southgate August 17, 2017

Roger Hall & Steve Hunt have made the following announcement on the PW Publishing website:

We are very pleased to announce that Practical Wireless and RadioUser magazines have been bought by Warners Group Publications, a Lincolnshire-based multi-million-pound turnover publishing company that specialises in producing magazines, websites and events for niche hobbies.

They believe that both Practical Wireless and RadioUser are an ideal fit with their business and have assured us they plan to use their publishing expertise and size to help develop both titles, giving them an assured long-term future.

Both Steve and I are aware that we were only the most recent custodians of two historic titles, Practical Wireless dating from 1932 and the RadioUser with its roots in Short Wave Magazine from 1937.

Thatís why, when we decided to retire after being in publishing for almost 40 years, first with IPC and then with PW Publishing, we felt it was important to find a reputable company with the expertise and resources to make sure they will continue to be published for many years to come. In Warners, we believe we have found just such a company and both PW and RU will continue to be the countryís best-selling radio magazines.
Over the next few weeks we will be handing over all aspect of our business to Warners and they will be publishing both titles from the October issues onwards.

The new Publisher will be Rob McDonnell (robm@warnersgroup.co.uk) and the new Group Advertising Manager will be Claire Ingram (clairem@warnersgroup.co.uk).

Our existing Editors, Don Field and Georg Wiessala, will remain with their respective magazines. In addition, I will be staying on in a consultancy role to help with the transition and to assist Warners

going forwards.
Weíd both like to thank all of you for the support youíve given us and the magazines in the past; itís been an interesting few decades.

For the next three months, Webscribe will continue to administer subscriptions, to assure a seamless handover, and new contact details will be forthcoming in due course.

Roger Hall & Steve Hunt
PW Publishing Limited
http://www.pwpublishing.ltd.uk

ï Our thanks to Len, GM0ONX for spotting this item
http://www.southgatearc.org/news/2017/august/new-owner-for-pw.htm#.WZWZ3IWcHIU

Posted by: (Mike Terry, dxldyg via DXLD)

WORLD OF HOROLOGY see also UK BIG BEN
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NATIONAL RADIO DAY IS AUGUST 20, 2017
Celebrate the Spark of Great Radio

Sparks 2x1 [caption]

National Radio Day is a time for communities across the country to celebrate radio. The goal is to strengthen the radio ecosystem, highlighting all kinds of radio, but especially stations that focus on local service. We want to ensure that amazing noncommercial stations are included in the national conversation.

From events and parties to special programming and more, there are so many ways for listeners, producers and stations to get involved. . .

http://www.nationalradioday.com/
(via Shawn Axelrod, MB, Aug 19, NRC-AM via DXLD)

Paul Dobosz received info about National Radio Day: I just received a promotion from an electronics distributor that I patronize occasionally informing me that Sunday, August 20th is National Radio Day. This is without any doubt something that MARE members should celebrate either individually or collectively. I shall knock down a beer or two in honor of the day. Join me in raising a glass to our favorite leisure pursuit (MARE Tipsheet Aug 17 via DXLD)

Linked within above is this story from LAST year 2016, talking about 2015; with many embedded linx:

Join the celebration of National Radio Day
By Sabrina Roach and Ernesto Aguilar | August 15, 2016
https://current.org/2016/08/join-the-celebration-of-national-radio-day/

Radio is more than the warm sound from a Neumann U87, NPRís virtual house microphone. Radio is the lives we touch.

Itís the first time you heard B.B. King, the time you had to look up a word someone used or a meme that came up, and the people we listen to and with whom we become acquainted.

National Radio Day is coming up Saturday [2016]. Its origins are unclear, but by many accounts it emerged in the 1990s as a rallying point for a resilient medium. It traces some lineage to the UNESCO-recognized World Radio Day in February. This year, may it be public and community radioís space not only to honor our people and the memories we inspire, but also to acknowledge our significance in todayís variegated media and cultural landscape.

Noncommercial radio is the programs we love, yet, as media consumption has splintered, it is also the experience of a particular voice. Itís the millennial streaming an evocative conversation about the election. Itís the teenager in a small town or suburb scanning the dial late in the evening to discover bold music and culture. Itís a community of people of color hearing itself represented by its own collection of rich characters in ways that matter.

National Radio Day is intended to get cities and towns buzzing about the importance of radio. For public and community radio, itís an opportunity to talk about what we offer the wider world. Our concepts of community, engaging audiences and even radio are evolving. Public and community radio have answered the call in creative ways. Public and community radio are committed to serve our country as never before.

BPT_NRD_Square_Graphic-01 [caption]

Consider the award-winning work of Reveal and the community engagement efforts of the Association of Independents in Radio. KPCC in Los Angeles and the Latino Public Radio Consortium worked to grow the stationís Latino audience, while Chicagoís Vocalo pursues younger listeners. And our respective organizations, Brown Paper Tickets and the National Federation of Community Broadcasters, deliver services and support to a constellation of public and community radio stations, cultivating new voices through our efforts. All embody the best of the culture of radio: a sense of community, a commitment to diversity and a passion for people.

National Radio Day is but one day to acknowledge how public radio stations, low-power FM outlets and community radio organizations have come to serve a vital purpose. People crave facts and context. Americans increasingly distrust media. Surveys suggest that people donít believe our media have the integrity a democracy demands. While such views inevitably damage mediaís impact, new projects to deliver news and conversations are emerging. The New York Timesí fact-checking elections blog and the crowdsourced climate project iSeeChange are just two instances of richer coverage.

Here, public and community radio can demonstrates their true value and power. Sometimes it is as simple as asking a candidate for political office a direct question and pursuing the answer, or being an oasis from glitzy television and streaming subsumed by focus groups and marketing departments.

Last year, #NationalRadioDay trended on Twitter to the tune of over 22,000 tweets. Radio stations and communities held local events, shared memories on social media and dedicated on-air breaks to encourage listeners to participate in events in their areas. Thatís where the fun began.

ìItís our time to crow a bit about ourselves, but also to focus on the people who depend on and appreciate us: our listeners and communities.î

For example, KMUN in Astoria, Ore., upped the charm quotient of National Radio Day by combining it with National Lemonade Day and serving lemonade at an open house. WHIW, a low-power station in Harvard, Ill., focused all of its programming on National Radio Day. This year in Portland, Ore., KBOO, Freeform Portland, KPSU and Xray-FM will promote National Radio Day with a special broadcast and community event.

Radio listeners, especially fans of public and community radio, are funny, intelligent and entertaining. National Radio Day 2015 elicited selfies of every stripe, stories and much more. Give listeners a chance to tell the world how much they love radio. Youíre in for a treat.

Last year, commercial broadcasters took advantage of National Radio Day on social media to talk up our shared medium. IHeartRadio and Radio Disney were among the social media participants in 2015. Those bigger outposts are public mediaís cool friends. They helped #NationalRadioDay trend and reminded their massive audiences that radio matters. Invariably, this effort boosted noncommercial media.

Many radio stations and many more listeners will be recognizing

National Radio Day. Stations are welcome to join. Itís our time to crow a bit about ourselves, but also to focus on the people who depend on and appreciate us: our listeners and communities.

Your National Radio Day celebration can be local hosts doing a short Facebook Live stream, asking listeners to tag you while using #NationalRadioDay, or even a promotion for the best #NationalRadioDay video mentioning your station. If you want to go big, add National Radio Day to your summer outreach calendar. Remember, National Radio Day is a way of getting your audience to offer a testimonial about your radio station.

Public and community radio are keenly focused on engagement. Stations have to be, because their funding is inextricably tied to emotion ó people giving because radio matters to them. The endeavor of noncommercial radio is in no small measure devoted to maintaining relationships with core audiences as well as creating new bonds with younger fans and growing the base.

Your station can make National Radio Day fun. Use Snapchat, Instagram and other platforms in your mix. National Radio Day also may be a way for your organization to connect with members and remind them of when they discovered B.B. King or Googled that meme and what it meant to them. You can use National Radio Day as an excuse to get out in your city and to talk about our field outside of our own circles. Participate and get listed at nationalradioday.com.

Ernesto Aguilar is membership program director with the National Federation of Community Broadcasters. Sabrina Roach is a ìdoerî with Brown Paper Tickets in Seattle (via DXLD)

Missed this year? Let`s celebrate anyway; how about September 1? (gh)

LANGUAGE LESSONS
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Blasphemy from Adrian Peterson!

Glenn: -- "The Klingon language was invented for the Star Wars series of movie films...." This couldn't be more incorrect! Anyone who's ever paid attention knows Klingon is from STAR TREK, of which I am a devoted nerd! I didn't see the original "Star Wars" abomination until 2008, and then only after being plied with liquor (GREG HARDISON, CA, DX LISTENING DIGEST)

Glenn. I realize that Adrian is an old man and we should overlook minor foibles, but Klingon was created for Star Trek and not Star Wars :) (John Carver, Jr, Mid-North Indiana, ibid.)

MUSEA
+++++

W2XAD and W2XAF Sign On Discs - Circa 1938

For your consideration, via the Rand's Esoteric OTR blog, possibly the most ferocious station ID of the pre-rock era. Circa 1938 sign-on announcements for the GE shortwave stations W2XAD and W2XAF from the original studio discs.
http://randsesotericotr.podbean.com/e/w2xad-and-w2xaf-sign-on-discs-circa-1938/
(Eric Wilson, DX LISTENING DIGEST)

CONVENTIONS & CONFERENCES
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IRCA/NRC/DecalcoMania convention, day 1, Reno NV

Day 1 of the combined convention went very smoothly. Almost all of the attendees gathered at 10:30 for the KKOH tour; followed by a lunch nearby and the 2nd tour at KPLY/KHIT/+. Both tours went very well and most had returned to the hotel by 3:30. Around 5:30 or so, 12 of us went to the hotel restaurant for dinner (nearly banquet #1)!!!

After that, we returned to our meeting room for enthusiastic topical discussions about DXing during the eclipse on Monday, followed by an equally interesting discussion on SDR receivers (mostly focusing on what can be recorded and how good are they compared to conventional receivers) After that, small groups formed to discuss receivers, etc.
(Phil Bytheway, Aug 19, IRCA via DXLD)

IRCA/NRC/DecalcoMania convention, day 2

Day 2 started with a tour of Kimmie Candies (free samples). Then most of the attendees did some local sight seeing. At 4:30 I conducted the annual IRCA business meeting, committee reports were read (and given by those chairmen attending). At 5:00 I read a statement prepared by the NRC Board in lieu of their business meeting. 5:20 gathered outside the hotel for the annual group pictures; only a few were missing. Then onto the Black Bear Diner for our banquet, ordering off their menu and exchanging ideas. Back to the hotel at 8:00 to prepare for our annual auction which started at around 8:30. After the auction, some folks stayed around to chat until the meeting room closes at 11 PM. No "official" events planned for Sunday, several attendees heading home early in the day, others staying an additional day for more sightseeing. Much thanks to Mike Sanburn for organizing this event. A full report (with photos) will appear in a future DXM/DXN. Quite a few photos are already posted on the IRCA Facebook page; check them out!!

(Phil Bytheway, Aug 20, ibid.)

Many thanks to all who attended the radio club convention here in Reno. Great to see everybody. Have been listening to a local TIS testing on 1670 from the University of Nevada Reno --- WQRF764. Will be band scanning on the drive home. Sent from my iPod (Mike Sanburn, CA, 1511 UT Aug 20, ibid.)

DX-PEDITIONS
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ROCKWORK 4 DXPEDITION-- TOP TWENTY SIGNALS FROM THE SOUTH PACIFIC

Some unusually strong Australian signals joined the NZ regulars during the recent Rockwork 4 DXpedition, including 585-2WEB, 585-7RN and 639-5CK. Some low-powered Kiwi stations like 531-More FM and 936-Chinese Voice also managed their best-ever signals at the cliff, as well as the NZ regulars 603-R.Waatea, 657-Star, 765-R.Kahungunu and 1503-Radio Sport. The 15 strongest DU's received during the DXpedition are linked below, along with their locations and power levels. All of these were received with Ultralight radios and "airport unfriendly" FSL antennas as in the photo posted at
https://app.box.com/s/dqaag49l6uboqcfboq4b7fn5fy9dsr1f
Signals which reached an S9 level listed with a triple asterisk (***).

531, More FM Alexandra, NZ, 2 kW This was a breakout DXpedition for the low-powered urban rock station, which sometimes dominated over the Kiwi co-channel PI and the other four DU's received on this frequency. This local ad string was received at 1255 on 8-1 (thanks to Theo for deciphering)
https://app.box.com/s/lbmcayqyvvivedjx1j1ru5ihdcdydsem

***531, PI Auckland, NZ, 5 kW The usual dominant station on the frequency, the Samoan (and other Pacific Island) language broadcaster was rocking at an S9 level with island music at 1248 on 8-8
https://app.box.com/s/b391cdrlt9s4c7y4gp3kt9q1dxbgpj4j

***558, Radio Fiji One Suva, Fiji, 10 kW One of the big surprises of the DXpedition, this formerly weak station is now a South Pacific powerhouse after transmitter and antenna improvements (which were entirely funded by the Japanese government). On most mornings it would reach a very strong level, as in this S9 recording of typical island music at 1318 on 8-8
https://app.box.com/s/6b2fxp2ai8p44t38fih4dn1meffzocxi

***567, RNZ Wellington, NZ, 50 kW The ex-big gun has sounded relatively modest after the demolition of its old tower, but it could occasionally sound fairly strong, such as during this typical male-

female conversation at 1239 on 8-6
https://app.box.com/s/uk0aochlroo67tm1x0lm435fkva6dwz8

***576, 2RN Sydney, Australia, 50 kW This RN network big gun really pounded in during favorable Australian propagation (such as at 1315 on 8-9, during this music recording) but could lose out to the 2.5 kW Kiwi station Star during NZ-favored conditions
https://app.box.com/s/3j0607fg6mzgidco3i3vz99ofuzl2cvi

***585, 2WEB Bourke, Australia, 10 kW One of the most amazing signals of the entire DXpedition, this rock music pounded in at an S9 level at 1335 on 8-8, soon after propagation had collapsed to most stations. Program Director David Sharp matched the song with his log, and in his e-QSL letter he noted that the recorded signal "is the strongest I have heard, to date, from the United States."
https://app.box.com/s/94b723294xp9i2chgdyznfnwixah3n4o

585, 7RN Hobart, Australia, 10 kW In a snarl with co-channel 2WEB much of the time, it tended to have better performance overall than its 576 parallel. This typical ABC RN-network speech was received at 1243 on 8-3 https://app.box.com/s/aptynncjp3ll32d027s691rv82bau3m2

***594, 3WV Horsham, Australia, 50 kW Usually dominant over the lower-powered Star co-channels, this LR network big gun could really pound in when conditions favored it, such as at 1245 on 8-2 with typical ABC talk program https://app.box.com/s/m7d0fgnzxhzsg1hhxawzm1mtzct5zudw

***603, Radio Waatea Auckland, NZ, 5 kW Significantly stronger than in recent years (throughout the week), this Maori network powerhouse managed its best signal ever at 1303 on 8-8 with island music and Maori chants https://app.box.com/s/wruaavle3k3s4x9my9armbxl4od0369s

***639, 5CK Port Pirie, Australia, 10 kW A big surprise with huge ABC network signals // 891 at 1307 on 8-7, this South Australian station was occasionally heard mixing with Oz co-channel 2HC on the other days
https://app.box.com/s/o0jujrozx7w0wf7t4dnqq5dn7g20j0tr

***657, Star Wellington/ Tauranga, NZ, 50/ 10 kW Another Kiwi blowtorch with its best-ever signals during this trip, the Christian hymn music broadcaster was pegging the S/N readout with this music and Irish-accented sermon at 1215 on 8-1
https://app.box.com/s/psfs64lczen4cfk137pijj0hpqc43dad

***702, 2BL Sydney, Australia, 50 kW The Oz LR network big gun usually had the edge over the Kiwi big gun Magic, such as during this ABC talk program at 1310 on 8-8
https://app.box.com/s/ur43ihfmgka0d1p6bupbhch9ixc1nvr

***702, Magic Auckland, NZ, 10 kW When propagation favored both Oz and NZ (such as at 1320 on 8-4) the snarl between the Auckland oldies broadcaster and 2BL could turn catastrophic. Magic's "Peace Train" song was pretty ironic
https://app.box.com/s/l1ad8kdp1d8ciupd7qivvc54nsknpbxl

***765, Radio Kahungunu Napier-Hastings, NZ, 2.5 kW Although generally an underperformer throughout the week, freakishly good Kiwi propagation at 1258 on 8-4 propelled this Maori net 2.5 kW wonder to an overwhelming level with R&B music and a Maori net ID at the 1300 TOH (at 1:36 into the MP3). This meltdown-level recording was the strongest ever heard during 15 DXpeditions over 6 years
https://app.box.com/s/qvu2atw8b22qvi8xwkgp95riigd5mlca

***774, 3LO Melbourne, Australia, 50 kW This huge ABC signal with female speech at 1332 on 8-6 was recorded using a 3.5 inch (89mm) "Frequent Flyer" FSL antenna, which proves once again that when propagation is good you can have a lot of fun with a modest aerial
https://app.box.com/s/60dye0v5k46o9zr066px103mmh4fes8b

***792, 4RN Brisbane, Australia, 25 kW Like its 576 parallel this RN network powerhouse could really blast in when conditions favored it, such as at 1305 on 8-7
https://app.box.com/s/374oiz85qfveyyfep3shmyqtjvvld0it

936, Chinese Voice Auckland, NZ, 1 kW The very low powered Kiwi ethnic station managed its best signal ever with Chinese male speech at 1304 on 8-9
https://app.box.com/s/z8jbfnptywt446a66kmpqqwzyuq0upsu

***1035, Newstalk ZB Wellington, NZ, 20 kW Broadcasting call-in talk and occasional music, this would have been one of the best Kiwi signals except for a new west coast IBOC pest (which splattered over both it and its 1044 parallel). Despite the noise this station's awesome strength usually was sufficient to break through, such as t 1321 on 8-8 https://app.box.com/s/tmwvuo6ljm43dgceuifepj9egcxjb356

***1386, Radio Tarana Auckland, NZ, 10 kW Pretty strong on most days with its Hindu ethnic programming, this potent signal with female speech was received at 1253 on 8-1. According to Walt this is English (although I can't really understand it)
https://app.box.com/s/rnz50cg9xv8duvz161jgymjr3xlp4q8h

1503, Radio Sport Wellington/ Christchurch, NZ 5/ 2.5 kW This was the best signal ever from the upper band sports relay at 1315 on 8-1 (and also the easiest Kiwi signal to understand, with a relay of Yankee-accented Fox Sports News)
https://app.box.com/s/x2qfq4vcsdq2f8jvsusob1cbfjdj51x8

73 and Good DX, (Gary DeBock (DXing at the Rockwork 4 ocean cliff near Manzanita, OR, USA from 8-1 to 8-9), IRCA mailing list via DXLD)

LARRY WILL VACATION LOGS FROM WEST VIRGINIA

August 8-14, 2017, Logs by Larry Will, from the Lost River Grill in Lost City, WV, and Lost River State Park and Big Ridge Campground, Mathias, WV. Tecsun PL-600, Tecsun PL-660, Icom IC-R75, 100 foot long wire at 40 feet, and various random wires.

== Commentary

Hardy County is an excellent DX location. The noise floor is very low. Conditions were superior on FM, good to very good on AM and fair to good on shortwave.

The biggest surprise station we logged was WVMR 1370 in Frost, Virginia. This is the only AM station I've heard in many years that played NPR News. WVMR is a 5 kilowatt daytimer and is part of a network of flea powered FMs that comprise "Allegheny Mountain Radio", a community based network serving Pocahontas County, West Virginia and Bath and Highland Counties in Virginia. They are the only radio stations operating in this area since it's in the National Radio Quiet Zone surrounding the radio telescopes in Green Bank. The station's format is completely freeform and we heard a variety of very interesting music programmed by local volunteers.

WFWM 91.9 in Frostburg is a public radio station that also plays a wide variety of music. They run classical during the daytime, but in the evenings they range from jazz to bluegrass to nostalgia and everything in between. This station is also very entertaining.

WWNL 1080 Pittsburgh wins the prize for the weirdest oddball religious station we heard. The local WBTX 1470/102.1 is also a unique religious station. WBTX is the only place we heard religious redneck country music, and like WWNL, they played a lot of oddball preaching and religious talk shows.

On shortwave, it was entertaining to listen to WINB in Red Lion, Pennsylvania on 9265. We are too close at home in Maryland to ever get much of a signal from WINB. They play a lot of crazy, bizarre religious programming and nutty, paranoid preachers. Much of their programming is even more bizarre than Brother Scare, if such a thing is possible.

Sports talk radio appears to be on a serious decline. There don't seem to be nearly as many stations running this format as there have been

in the recent past. Classic hits appears to be the big format used by AMers who are trying to survive with their newly acquired FM translators. Religion and Jesus pop music formats are now all over the place, and seem to be sprouting up all over the FM band now.

In our completely subjective format breakdown below, I've split the country format in two. Modern country music is a weird thing to my ears. The format seems to be some kind of odd pop music hybrid and a lot of the music is incomprehensible to me. (Brad, Val and Jane classify modern country music another way: "This sucks!") The other type of country format is what we call redneck music, or the more traditional "get in the truck you look so fine in your cutoff jeans let's go to the bar/cryin' in your beer" music.

And, we really liked hearing the outlaw country/southern rock format on WBCN 1660 Charlotte in the late afternoons. This new station IDs as "947 Smoke".

Stations logged on the broadcast bands:
FM 64
AM 77

Formats heard on the broadcast bands:
Religious 22
Talk 21
Classic hits 18
Sports talk 12
Redneck country 11
News/talk 9
Modern country 9
Jesus pop 9
Adult contemporary 9
NPR 6
Classic rock 5
Freeform music 3
Top 40 3
Rock 2
Spanish 2
Classical 1
Bollywood music 1
Jazz 1

== FM broadcast

88.3 August 8 at 1536, WOTC Edinburg VA, "K-Love" religious pop music. (Will-WV)

88.9 August 8 at 1536, WVEP Martinsburg WV, NPR, West Virginia Public

Broadcasting. (Will-WV)

89.1 August 10 at 1439. WVTF Roanoke VA, NPR show "Fresh Air" in the slop from 88.9, ID "WVTF". (Will-WV)

89.5 August 8 at 1536, WVDS Petersburg WV, NPR, West Virginia Public Broadcasting. (Will-WV)

89.9 August 9 at 1549, WPER Culpeper VA, Religious financial talk. August 12 at 1641, ad for "encouraging radio app" and ID "Your PER". (Will-WV)

90.1 August 9 at 1550, WVRS Gore VA, Religious pop music, fair signal. August 11 at 1616, gospel music, ID "The Point", into religious talk. (Will-WV)

90.1 August 13 at 1445, WPVA Waynesboro VA, Jesus pop music, ID "Spirit FM", commercial for putting your spots on Spirit FM (nice use of your noncommercial license, there.) (Will-WV)

90.3 August 8 at 1536, WAIJ Grantsville MD, American Family Radio. August 9 at 2151, an anti-transgender diatribe "by the grace of Jesus", "Washington Watch" with "Dr Jerry Newcomb", citing questionable statistics such as "90 percent of transgenders regret it", into a story about a transgender who regretted it and became a christian. August 12 at 1908, talk about the "Ark Encounter" amusement park in Kentucky, whose owner, Ken Ham, has got the LGBTQ crowd all "ticked" because of the rainbow, "how dare you take the rainbow flag from the LGBTQ community" the host says, sarcastically. Parallel 91.1. (Will-WV)

90.5 August 13 at 1444, WJYJ Fredericksburg VA, PER with commercials and jesus pop, bothered by much stronger 90.7. (Will-WV)

90.7 August 8 at 1536, WRMA Harrisonburg VA, NPR, "On Point". August 9 at 1910, Hank Williams Jr song "There's a tear in my beer" intros a segment about whether breakups cause alcohol abuse. (Will-WV)

91.1 August 8 at 1536, WTRM Winchester VA, American Family Radio. August 11 at 1904, oh no! Ben Gozzy conspiracy heating up again. 91.1 is only 75 watts. Parallel 90.3. (Will-WV)

91.3 August 8 at 2033, WQAB Philippi WV, NPR News. (Will-WV)

91.5 August 9 at 2045, WLUR Lexington VA, classical music, fair signal. (Will-WV)

91.7 August 8 at 1536, WEMC Harrisonburg VA, talk, classical music.

(Will-WV)

91.9 August 8 at 1536, WFWM Frostburg, MD, classical music. August 9 at 2241, old school jazz music by John Coltrane. August 12 at 1409, NPR show "Car Squalk". August 12 at 1828, bluegrass and celtic-style bluegrass music, Sparky the fire dog PSA (sparky dot org), Dave Van Ronk's "Duncan and Brady". August 12 at 2212, 1940s nostalgia music, Gershwin, Gene Kelly, etc. (Will-WV)

92.5 August 8 at 1857, WINC Winchester VA, Country music. ID, "WINC FM" and commercial for Southern New Hampshire University at 1828. (Will-WV)

93.1 August 8 at 1536, WFGM Barrackville WV, modern country music. (Will-WV)

93.1 August 9 at 2225, WSVO Staunton VA, A/C music, Santana, Cyndi Lauper. (Will-WV)

93.3 August 12 at 1501, WQZS Meyersdale PA, Politics talk, Let Freedom Reign, Lincoln Institute, at 1530, "WQZS Myersdale Somerset" into mellow music. (Will-WV)

93.7 August 8 at 1536, WAZR Woodstock VA, top 40, iheart commercials, "93-7 Now" ID at 1807. (Will-WV)

94.1 August 8 at 1536, WQZK Keyser WV, Top 40, rap-pop music, "94-1 QZK" at 1901. (Will-WV)

94.5 August 12 at 2110, WRVQ Richmond VA, Every time this station appeared I was unable to ID because apparently all they play is commercials. Two stations here now, one playing music by Genesis, "In the air tonight" and the other playing an infomercial for a health supplement. ID "Q-94's summer sendoff". (Will-WV)

94.7 August 10 at 1439, WIAD Washington DC. Five minutes of commercials, ID "94.7 Fresh FM". (Will-WV)

95.1 August 10 at 1448, WQMZ Charlottesville VA, pop music, "Uptown Funk". (Will-WV)

95.5 August 9 at 1554, WBPO Buffalo Gap VA, Religious pop music. (Will-WV)

95.7 August 13 at 1456, Unid, preaching. (Will-WV)

96.1 August 8 at 1536, WQMR Broadway VA, A/C. August 9 at 1554, commercial for Green Valley Book Fair in Mt. Crawford, PSA for report

a drug dealer dot com. August 12 1t 1505, "WQMR Broadway Harrisonburg". (Will-WV)

96.5 August 9 at 1557, WKYE Johnstown PA, Music, Aha "Take On Me", ID "96 Key", into Sheila E "Glamorous Life". (Will-WV)

95.9 August 8 at 1901, WKTZ Loch Lynn Heights MD, classic hits ID, "WKTZ FM Lock Lynn Heights 95.1". (Will-WV)

96.9 August 8 at 1536, WSIG Mount Jackson VA, Redneck country music, ID "96-9 WSIG". August 12 at 2212, "Bluegrass Saturday Night" show with contemporary bluegrass. At 0209 Sunday August 13 the host is taking requests; apparently everyone wants to hear reefer music, as he played "Wildwood Weed" by Jim Stafford and "Granny Woncha Smoke Some Marijuana" by John Hartford. Very good freeform bluegrass show. (Will-WV)

97.1 August 9 at 1722, WLIC Frostburg MD, Preaching, bibling. August 11 at 1852, religious pop music. August 13 at 1457, ID "Reveal FM WLIC Frostburg Cumberland". (Will-WV)

97.5 August 8 at 1536, WLFT Martinsburg WV, Adult contemporary/80s music. (Will-WV)

98.1 August 8 at 1903, WFGY Altoona PA, news. August 10 at 1449, "forever altoona dot com" and "Froggy 98". August 12 at 1415, redneck country music. (Will-WV)

98.3 August 8 at 1536, WKSI Stephens City VA, Top 40. (Will-WV)

98.5 August 8 at 1536, WACL Elkton VA, Classic rock, "98 Rock". (Will-WV)

99.1 August 8 at 1536, WRKW Edensburg PA, Classic rock. August 9 at 1722, commercial "Before your wife gets hot under the collar call the AC man". August 10 at 1414, "The Laurel Highland's Rock Station Rocky 99" into Ronnie Dio "Rainbow in the Dark", occasionally bothered by WDCH Bowie MD with Bloomberg News. (Will-WV)

99.3 August 8 at 1536, WFRX Luray VA, Rock music. August 10 at 1419, music by Van Halen, ID "Woodstock spells rock F-O-X 99-3 the Fox". (Will-WV)

99.5 August 8 at 1603, WDZN Midland MD, Classic hits, Earth Wind & Fire "September". August 9 at 1558, ID "WDZN". August 12 at 1653, music by Rick Springfield and Blondie, ID "9905 QZM". (Will-WV)

99.7 August 8 at 1603, WCYK Staunton VA, Redneck country music, ID

"Hit Kicker 99.7". August 12 at 1510, ID "Hit kicker and only hit kicker 99.7". (Will-WV)

100.1 August 8 at 1603, WVMD Romney WV, Redneck country music, Fox news, ID "The tri-state's new country 100.1 in Romney, 99.9 in Cumberland, The Wolf". August 12 at 1435, spot for Allegheny Radio. (Will-WV)

100.3 August 8 at 1603, Unid, commercial for John Tesh radio show, mellow A/C music. (Will-WV)

100.5 August 9 at 1604, WDYK Ridgeley WV, ID "Magic 100.5" and into Fox News. (Will-WV)

100.7 August 8 at 1603, WQPO Harrisonburg VA, A/C, "Q101", "The valley's hit station". (Will-WV)

101.1 August 8 at 1603, WWPN Westernport MD, Religious pop music. August 9 at 1638, ID "WWPN Today's Christian music". August 12 at 1516, commercial for Oral Roberts University, commercial for Rock Of Ages restaurant in Cumberland with worship service on Sunday. August 12 at 2114, ID "Spirit 101" and a commercial, "Rat and mice problem? Get plug-in pest free!" (Will-WV)

101.3 August 8 at 1900, WBRB Buckhannon WV, Country music. (Will-WV)

101.3 August 12 at 1854, Unid, Sports, ESPN app commercial, fair signal. (Will-WV)

101.5 August 8 at 1603, WBHB Waynesboro PA, Alt-rock metalpop. August 10 at 1422, ID "Bob Rocks". Good signal, splattered by local 101.7. (Will-WV)

101.7 August 8 at 1606, WELD Moorefield WV, Country music, news and weather, "Noon time round-up show", farm news at 1620. (Will-WV)

102.1 August 8 at 1606, W271CC Broadway VA, old school redneck christian country music, fair signal, parallel WBTX 1470. August 12 at 1655, right wing talk show discussing "migrants" and harshly criticizing the Southern Poverty Law Center for calling out religious organizations as hate groups just because they hate homosexuals. Show "in the market with Janet Marshall dot org", WBTX ID at 1700. August 12 at 1854, "get your southern gospel gift certificate...right here on WBTX". (Will-WV)

102.5 August 8 at 1606, WUSQ Winchester VA, Country music. August 12 at 1438, ID "Q102". August 12 at 1517, commercial for "Handi Mart". (Will-WV)

102.9 August 8 at 1606, WLTK New Market VA, "K-Love" religious pop music. August 12 at 1516, talking about "germy things" in hotel rooms. (Will-WV)

103.3 August 8 at 1606, WCTF Wardensville WV, "K-Love" religious pop music. (Will-WV)

103.7 August 9 at 1638, WQWV Fisher WV, Pets for sale. August 10 at 1425, music by the Police, Def Leppard, etc. August 11 at 1543, ID "Jack FM" and into "Crazy Train" by Ozzy Osborne. August 12 at 1438, music by Rush. (Despite being very close to us, this station only came in occasionally. 310 watts.) (Will-WV)

103.9 August 12 at 1855, WYFT Luray VA, choral religious music. (Will-WV)

104.3 August 8 at 1606, WKCY Harrisonburg VA, iheart Vegas concert promo, ID "KCY", modern country music. (Will-WV)

104.7 August 8 at 1606, WAYZ Hagerstown MD, modern country music. August 9 at 1606, ID "WAYZ Hagerstown". (Will-WV)

105.1 August 8 at 1606, WWRE Bridgewater VA, Rock/alternative/classic rock music. "WWRE Bridgewater Harrisonburg" at 1909. August 9 at 2309, ID "Rewind 105-1". (Will-WV)

105.3 August 8 at 1554, WFRB Frostburg MD, Modern country music, ID "Froggy". (Will-WV)

105.7 August 8 at 1909, WXMH Luray VA, Music by U2 "Sunday Bloody Sunday", "Sassy soul, good time rock and roll WXMH 105-7" at 1913. August 9 at 2050, ID "Right Radio 105-7". (Will-WV)

105.7 August 12 at 1445, W289BR Cumberland, "get your happy groove on now 105-7", 1520, ID "Happy 105-7". August 13 at 1501, "if someone tells you to turn it down you don't have to...happy 105-7" and into top 40 A/C music. (Will-WV)

106.1 August 8 at 1554, WRQE Cumberland MD, Rock music, ID "Rocky 106". Pink Floyd "Shine On You Crazy Diamond" at 1913. (Will-WV)

106.5 August 10 at 1430. W293AM Martinsburg WV, CBS News, local weather for Martinsburg area, ID "WRNR". (This is a repeater for WRNR 740 which was not heard.) August 11 at 1546, politics talk and interview with Bill O'Reilly (GAH! No!) who is shilling for his webcast now that he's been booted off Fox News. August 12 at 1450, "Talk radio WRNR" and into Kim Commando show. 1522, talk about the

August 22 eclipse "it will overload the internet!" August 12 at 1900, news, riots in Charlottesville, car hit protesters, state of emergency declared, KKK mentioned, "Talk radio WRNR" at 1907 amidst a pile of commercials. (Will-WV)

106.9 August 8 at 1554, WWEG Myersville MD, Classic hits, ID "The Eagle". (Will-WV)

107.1 August 8 at 1554, WCBC Keyser WV, Classic hits, ID "WCBC 107-1 the classic hits station". August 13 at 1507, "across the Potomac valley classic hits" and into Boz Skaggs "Lido Shuffle". (Will-WV)

107.9 August 9 at 2050, W300BU Keyser WV, Country music, mixing with another unid. station. (Will-WV)

107.9 August 13 at 1508, W300CN Harrisonburg VA, News/talk. This is a 250 watt repeater for WKCY 1300. (Will-WV)

== AM broadcast

540 August 9 at 1549, WWCS Canonsburg PA, Sports talk. (Will-WV)

550 August 8 at 1609, WSVA Harrisonburg VA, News/talk. August 9 at 1641, livestock sale. August 11 at 1505, ID "News talk 550 and 92.1 WSVA". (Will-WV)

560 August 8 at 1609, WFRB Frostburg MD, Talk, Rush Limbag at 1627. ID "WFRB Frostburg". August 9 at 1500, Mike Gallagher show, ID, Fox News. (Will-WV)

560 August 12 at 1337, Unid, Self-described "independent baptist preacher" declaring his independence. He doesn't agree with what a lot of baptist preacher do, but he believes what the bible says. (Will-WV)

620 August 9 at 1500, WKHB Irwin PA, Health talk. August 9 at 1650, music by the Allman Brothers Band, ID "KHB", into Peter Gunn theme. (Will-WV)

630 August 9 at 2330. WMAL Washington DC, Mark Levin show. (Will-WV)

690 August 8 at 1609, WELD Fisher WV, Alex Jones. August 12 at 0155, classic hits, good signal on night power at 14 watts. This station plays mostly a canned "classic hits" mix but does do local programming in the weekday mornings. They also run Alex Jones mid-day on weekdays. (Will-WV)

740 August 13 at 1515. WRNR Martinsburg WV, Commercial for toilets, and gerber online dot com, ID "talk radio WRNR" and into home

improvement talk. (Will-WV)

780 August 9 at 2330. WAVA Washington DC. My Pillow commercial, religious talk. August 11 at 1614, Jay Sekulow show, fair signal. August 13 at 1515, christian apologetics. (Will-WV)

790 August 8 at 1520, WSVG Mount Jackson VA, Country music. August 12 at 1340, old school bluegrass music, country/bluegrass cover version of the Who's "Squeeze Box". August 13 at 1520, instrumental version of "Ghost Riders In The Sky" with Les Paul-like guitar. ID "WSVG" at 1521. (Will-WV)

820 August 9 at 2330, WWFD Frederick MD, Washington Nationals ball game. August 12 at 1807, eclectic rock music, "The Gamut." (Will-WV)

840 August 9 at 2330, WKTR Earlysville VA, Preaching. (Will-WV)

890 August 12 at 2219, WKNV Fairlawn VA, spot for "Joy FM", play jesus music, be a volunteer! joy fm dot org. (Will-WV)

900 August 9 at 1500, WKDW Staunton VA, Country music. August 10 at 1944, ID "AM 900 WKDW", also IDed as "WKCY 107.9 FM" which is, in reality, W300CN, the FM repeater for WKCY 1300 Harrisonburg. August 12 at 1350, redneck pickup truck song, "Pick Up Man". (Will-WV)

920 August 9 at 1507, WMMN Fairmont WV, Dan Patrick Show. August 9 at 1700, sports talk. (Will-WV)

930 August 12 at 1735 WFMD Frederick MD, ID "930 WFMD", fair signal. (Will-WV)

970 August 12 at 1735, WKCI Waynesboro VA, Rush Limbag. (Will-WV)

980 August 10 at 1945, WTEM Washington DC, Sports alk, "ESPN 980". (Will-WV)

990 August 8 at 1690, WNTI Somerset PA. Rush Limbag. August 9 at 1508, Glenn Beck show, North Korea talk. August 9 at 1704, ID "The Laurel Highlands Sports Talk Network", web site forever johnstown dot com. August 10 at 1945, Pittsburgh Pirates ball game. (Will-WV)

990 August 9 at 2330. Unid, Old timey bluegrass music. (Will-WV)

1020 August 8 at 1609, KDKA Pittsburgh PA, Talk. August 9 at 1508, Pittsburgh news, massive fentanyl bust. August 10 at 1500, Beaver County news from Big Beaver Borough. August 12 at 1820, ID "News radio 10-20 KDKA". (Will-WV)

1030 August 10 at 1945, WWGB Indian Head MD, Spanish talk, frequent mentions of Washington DC, into mellow music. (Will-WV)

1050 August 9 at 1509, WMSG Oakland MD, music by Guns and Roses. August 10 at 1505, "Z 95.9", spot for a workshop in Oakland, "Classic hits". Appears to be simulcasting WKTZ 95.9. (Will-WV)

1070 August 9 at 2330, Unid, Classic hits, music by the Jackson 5ive. (Will-WV)

1080 August 8 at 1609, WWNL Pittsburgh PA, Preaching. August 9 at 1642, "Married Man Ministry" show, parent tips for sending your kids back to school, into a "Faith healing" show with Anita McCoy, "the prophetic voice of healing". August 9 at 1704, crying caller is "havin' an issue with my weight" and a lot of other "issues". August 10 at 1505, very animated female preacher, foaming and frothing. The audience is likewise very animated, yelling and amen-ing, must be pentecostals. August 10 at 1948, preacher criticizing other preachers who promote "rapture" in order to get money, says they're funded by the illuminati group, sorcerers, witchcraft worshipers! He says he has the story of the "true" rapture. Next, a long screed about pretribulation dispensationalism, finally IDing as Pastor Inman in Dayton Ohio. WWNL Pittsburgh ID at 1958. August 12 at 1818, horribly overmodulated church service with the preacher talking over the chorus, mentions "church of the lord Jesus Christ of the apostolic faith", the congregation says "ay-men" at everything he says. August 13 at 1525, host hawking goop to help you lose weight, "every scoop gives you 19 grams of protein", more commercials for similar crap followed. (Will-WV)

1090 August 11 at 1614. WBAL Baltimore. Derek Hunter show, good signal. August 13 at 1530, ID "WBAL TV 11 News weekday mornings at 4:30...WBAL news radio 10-90 and the WBAL app". (Will-WV)

1120 August 9 at 1509, WUST Washington DC, Spanish preaching. August 12 at 1740, bizarro asian "majarishi" music. August 13 at 1523, Spanish preaching, very animated, screaming at the audience. (Will-WV)

1140 August 9 at 1509, WRVA Richmond VA, Glenn Beck. August 12 at 1322, "News radio 1440 WRVA", commercial for "Bob X" deer repellant for shrubbery, into talk show "In the Garden" which mentions their flagship station WSVA Harrisonburg; sure enough, WSVA 550 is parallel. August 12 at 2039. Jeff Katz, a weekday talk host, is live in the studio giving news and talking calls about the riots in Charlottesville. One dead and 19 injured at the "Unite the Right" rally when a car hit the crowd. He remained on, live for several hours. August 12 at 2222, Virginia governor and Charlottesville mayor, live, make statements condemning the Nazi violence in Charlottesville

earlier today. (Will-WV)

1150 August 9 at 1706, WNLR Churchville VA, Preaching and bibling. August 10 at 1510, venomous condemnation of a "brutal butcher and abortionist...this is the face of abortion". August 10 at 2002, "New life radio WNLR" and into Jesus talk. August 12 at 1748, odd christian apologetics discussion talking about something called "the criterion of embarrassment". August 13 at 1532, religious talk, mentions James Dobson, Focus on the Family. (Will-WV)

1150 August 9 at 2330, Unid, Classic hits, Ricky Nelson "Travelin' Man". (Will-WV)

1170 August 8 at 1609, WWVA Wheeling WV, Rush Limbag. August 9 at 1509, Glenn Beck. August 9 at 1706, ID "News radio 11-70 WWVA". (Will-WV)

1190 August 8 at 1609, WCRW Washington DC, Talk, Chinese government propaganda. (Will-WV)

1190 August 12 at 1325, WVRS Grafton VA, religious talk about artificial intelligence mixing with Chinese government propaganda on WCRW co-channel. (Will-WV)

1200 August 9 at 1509, Unid, Glenn Beck. (Will-WV)

1210 August 9 at 1510, WANB Waynesburg PA, Redneck music, August 9 at 1707 "He's a flatliner". (Will-WV)

1220 August 9 at 2330, WFAX Falls Church VA, Preaching. (Will-WV)

1230 August 8 at 1609, WCMD Cumberland MD, Sports, ID "AM 1230 ESPN Radio". (Will-WV)

1240 August 13 at 1535, WTON Staunton VA, Sports talk, parallel 1230 with a slight delay. (Will-WV)

1250 August 13 at 1535, WRCW Warrenton VA, Financial talk, fair signal. (Will-WV)

1260 August 9 at 1510, WWRC Washington DC, Mike Gallagher show, commercial for BJU Press (Bob Jones University). August 11 at 1614, Dennis Prager show, fair signal. August 13 at 1534, political talk, Planned Parenthood. (Will-WV)

1270 August 8 at 1610, WCBC Cumberland MD, ID "WCBC Cumberland", religious commentary on Princess Di, "The Cal Thomas Commentary". August 9 at 2045, Sean Hannity. August 12 at 1350, ID "WCBC Hanover

Cumberland". (Will-WV)

1280 August 12 at 1400, WHVR Hanover PA, ID "1280 and 98-3 Hanover classic hits". (Will-WV)

1290 August 10 at 2004, WDZY Richmond VA, "The blessed hope broadcast". August 12 at 1400, heavily-southern accented preacher. (Will-WV)

1300 August 9 at 1510, WCLG Morgantown WV, Commercials, mellow music, ID "Morgantown's classic hits 13 AM". (Will-WV)

1310 August 9 at 1510, WBFD Bedford PA, Mike Gallagher show. (Will-WV)

1320 August 9 at 1510, Unid, Glenn Beck show. (Will-WV)

1330 August 8 at 1610, WRAA Luray VA, Country music. "Knockin' On Heaven's Door" at 2020. August 9 at 1712, ID "Rascal 1330", "We play bodacious country", music by Sugarland and Willie Nelson. August 13 at 1630, music by Hank Williams, ID "Rascal 1330" and spot for "Bright Radio 105-7 our sister station". (Will-WV)

1340 August 9 at 1510, WEPM Martinsburg WV, Rush Limbag. (Will-WV)

1350 August 9 at 1510, WOYK York PA, Sports talk. August 10 at 1521 ID "WOYK". (Will-WV)

1360 August 13 at 1540, WHBG Harrisonburg VA, Sports talk. (Will-WV)

1370 August 9 at 1528, WVMR Frost VA, West Virginia impaired driver spot, "drive sober or get pulled over". August 9 at 1712, music by the Eagles, "Peaceful Easy Feeling". August 10 at 1521, old school country music. August 10 at 2004, NPR News into Bath County local politics, "back to the music" at 2011 with a song by Randy Skruggs and Joan Osborne, "Passin' Through", spot for First Baptist Church in Huntersville, and more music, Genesis "Follow You Folow Me". ID "Allegheny Mountain Radio". August 11 at 1531, old school country music by Johnny Cash and others, host says "if it's not 50 years old I won't play it", underwriter support spot for AMR at 1535. August 12 at 1752, rocking alt-country music, a song called "Up In Smoke" by Blackberry Smoke, and into more outlaw country music, good signal. One of two hosts IDs as "Scott the blue bearded guru". Station ID at 1800: "WVLS Monterey 89.7, WCHG Hot Springs 107.1, WNMP Marlinton 88.5, WDMT Markinton 106.3, WVMR Hillsboro 91.9, W278AL Durbin 103.5 and WVMR 1370 Frost, allegheny mountain radio dot org" and into "Don't Look Back" by Boston. (Will-WV)

1380 August 9 at 1528, WCBG Waynesboro PA, Commercial for Savage

Pharmacy in Waynesboro. (Will-WV)

1390 August 10 at 1537, WKLP Keyser WV, Sports talk, "Fox sports radio." (Will-WV)

1400 August 9 at 1529, Unid, Spanish talk. (Will-WV)

1400 August 13 at 1542, WINC Winchester VA, Mark Levin talk show. (Will-WV)

1410 August 8 at 1627, KQV Pittsburgh PA, Talk. August 9 at 1530, ID "KQV", local news, AP news. (Will-WV)

1420 August 8 at 2020, WKCW Warrenton VA, Classic hits, ID "WKCW" at 2021. August 9 at 1529, Todd Rundgren "Hellow It's Me", very good signal. August 10 at 2101, Carribean accented preacher (who is apparently WKCW's only client) is on with usual odd religious talk, interview-style as usual. (Will-WV)

1430 August 9 at 1530, WVAM Altoona PA, Sports talk, ESPN Radio ID. (Will-WV)

1440 August 8 at 1610, WAJR Morgantown WV, Rush Limbag. August 9 at 1530, "Talk line on metro news", into political talk. August 9 at 1530, Mellow music, poor signal. August 10 at 1537, "Talk with Danny Jones", a syndicated West Virginia talk show. August 10 at 2059, ID "1440 WAJR". August 13 at 1542, preaching. (Will-WV)

1450 August 8 at 1610, Unid, Music. August 9 at 1529, country song sampling Warren Zevon's "Werewolves of London". (Will-WV)

1450 August 11 at 1530, WREL Lexington VA, ID "Sports radio for Rockbridge County 1450 WREL". (Will-WV)

1460 August 12 at 1332, Unid, possibly WGMF Tunkhannock PA, classic hits with Seals and Croft's "Summer Breeze" mixing with a Spanish language talk show on WKDV 1460 Manassas VA. (Will-WV)

1470 August 8 at 1610, WBTX Broadway VA, redneck religious music. August 9 at 1530, preaching. August 10 at 2059, ID "1470 AM 102.1 FM WBTX Broadway Timberville Harrisonburg". Parallel 102.1 is there but very weak at 2100. (Will-WV)

1480 August 10 at 1540, Unid, talk. (Will-WV)

1500 August 13 at 1545, WFED Washington DC, mentions wtop dot com, ID "federal news radio". (Will-WV)

1510 August 9 at 1530, WPGR Monroeville PA, Choral religious music. August 9 at 1715, preaching, "The followers of Christ are the followers of Christ." (wtf) August 10 at 1540, Cathy lick apologetics. (Will-WV)

1540 August 9 at 2350, Unid, Bollywood music. (Will-WV)

1550 August 10 at 1545, WZUM Braddock PA, old jazz music from the 1930s and 1940s, faded into the mud with a couple of other stations, back dominant at 1549 with more old jazz/pop instrumentals. At 1558, lounge-style instrumental version of "You must have been a beautiful baby". (Will-WV)

1550 August 11 at 1500, WKVA Vinton VA, ID "WWBA 1550 and 1390". August 12 at 1333, old time gospel music, very good signal. August 13 at 1550, religious talk, poor signal, mixing with sports talk (the latter is probably WMRE 1550 Charles Town WV). (Will-WV)

1560 August 8 at 1610, Unid, Talk, politics. August 10 at 1550, this was parallel with 1440. (Will-WV)

1570 August 9 at 1542, Unid, Classic hits, Phil Collins, Fleetwood Mac. (Will-WV)

1570 August 12 at 1333, WYTI Ricky Mount VA, Old country music, "Two cigarettes and an ashtray", mixing with a talk station. (Will-WV)

1580 August 8 at 2020, WJFK Washington DC, Military and veterans talk radio, very good signal. (Will-WV)

1590 August 8 at 1610, WHGT Maugansville MD, Religious music. August 9 at 1542, preaching. (Will-WV)

1600 August 9 at 1715, WKKX Wheeling WV, ID "AM 1600 WKKX and AM 1370 WVLY", (1370 not heard). (Will-WV)

1660 August 9 at 2345, WBCN Charlotte NC. Rock/southern rock/outlaw country music by Chris Stapleton, Molly Hatchet, Joe Cocker, etc. ID "94-7 Smoke". (Will-WV)

1690 August 9 at 1655, WPTX Lexington Park MD. Mellow music, "When You Wish Upon A Star". August 10 at 1556, talk, CBS News, ID "1690 AM WPTX...your favorite easy listening music" and into "Happy Together" by The Turtles. (Will-WV)

== Shortwave broadcast

3485 USB, August 12 at 1605. Aviation weather. Washington Dulles,

missing. New York, missing. Bermuda, missing, Miami, missing, Atlanta, missing. Nassau, missing. Orlando, missing. (Repeats) (Will-WV)

3892 LSB August 8 at 1626. At least three local hams chatting. "Izzat yew Larry?" August 9 at 1614, Local hams discussing a high speed chase in Sand Hills. "Run over poor ol' guy's mail box..." "...the dawg treed him". (Will-WV)

5130 August 12-14, 2300-0400. No sign at all of WBCQ. When I get back into cell phone range the next day, they tell me that the transmitter had a hardware failure and the staff was all away until Sunday. Sunday evening, August 13-14, 5130 good signal all evening from 2300 sign-on. (Will-WV)

5850 August 14 at 1303, preacher says that Rev. 12:1 prophesies the alignment talking place during the eclipse. Good signal. (Will-WV)

6070 August 12 at 1618, CFRX Toronto. Excellent signal, commercials, talk show "Saturday with Ted on News talk ten ten". (Will-WV)

7200 LSB August 12 at 2155, The ham zoo is in full crazy mode with the usual "jammers" and "quirmers". One of the hams says "These guys used to hang out in the bathroom at the Krispy Creme and jack with the CBers and make 'em all lose their mind...as Fred Roll used to say..." (Will-WV)

7200 LSB, August 13 at 1603, Multiple stations, one complaining about "malicious interference" on the channel, Donnie N4TAT on the other end. (Will-WV)

7490 August 8 at 1949. WBCQ, Pirate Joe Extravagonzo music show, blues and jazz 78s, excellent signal. (Will-WV)

7490 August 9 at 2103, WBCQ, Glenn Hausers' World of Radio 1890, very good signal, into Tom Barna music at 2129 and cut to Goddess Irena 1 Music Show promptly at 2130. (Will-WV)

7490 August 9 at 0000, WBCQ, Ramsey's "Furthermore 29/54" opening with a song called "Liquor and Whores". (Will-WV)

7490 August 12 at 2126, WBCQ, Documentary on UK pirate radio from the 1960s with British top-40 music from the early sixties. Perfect signal and sound. (Will-WV)

7780 August 13 at 1319, Wavescan DX show on WRMI, discussion about DRM experiment on oceanbound ships with two-way digital communications. Also on 9395 and 9455. 7780 very good, 9395 very good, 9455 fair. Romanian folk music at 1322, VOA News at 1330. (Will-WV)

9265 August 12 at 1540, WINB, Bible talk with high-pitched female voice. Scary solemn music at 1546, followed by talk, how to eat food and prepare dishes, how often to eat, etc., avoid milk and sugar in the stomach (it produces alcohol), avoid vinegar and oil (it rots the food), back to Jesus talk at 1551. Scary accordion shrill hymn at 1552, psalming at 1555, music "how great thou art" with slightly off-key violin. Write to Pittsburgh and send a bible to Africa. amazing discoveries dot org. A truly frightening broadcast. ID "WINB Red Lion PA" at 1600. (Will-WV)

9265 August 12 at 1914. WINB, Host says health problems are caused by soy formula. It's a conspiracy! "Soy formula is a poison!" More pseudo-medicine discussion continues, with "dr wong dot us" hawking various supplements and crap. He also says that the CIA is importing heroin into the US, among other conspiracies. (Will-WV)

9265 August 13 at 1554, WINB, Preacher says "stop sending your money into the religious swamp" and harshly criticizes Pat Robertson because of his "backslider theology". (Will-WV)

9350 August 9 at 2137, WWCR, Old time crime drama, "The Lineup" from July 8, 1952. (Will-WV)

9370 August 13 at 1417, WWRB, "EMP Pulse" paranoid conspiracy doomsday talk, ISIS Russian Syria Putin EMP Bomb, oh no! B.S. interrupts at 1423 to pitch his eclipsefest happening later this month. Very good signal. (Will-WV)

9395 August 8 at 2045. Oldies music, Sammy John "Chevy Van". Very good signal. (Will-WV)

9395 August 9 at 2315. The Brother Scare gang yelling, moaning and wailing, with random old B.S. bits mixed in. This pathetic programming went on for several minutes. Whenever this audio comes on I always wonder if B.S. has kicked the bucket, but eventually came back on promoting his eclipse gathering. (Will-WV)

9420 August 10 at 1805, CRI from Lingshi. Pleasant middle eastern music, fair to good signal. (Will-WV) [or rather Greece? gh]

9445 August 10 at 1806, All India Radio, news in English, very good signal. August 10 at 2107, AIR News again, excellent signal. (Will-WV) [via Delhi --- gh]

9445 August 12 at 2132. BBC News, sport news from Australia, very good signal. (Will-WV) [No, must still be AIR, now Bengaluru --- gh]

9475 August 9 at 1614. WTWW, Excellent signal, but the modulation is wrecked and the programming, assumed to be Pastor Peat Peters, is completely unintelligible. The audio was still boogered up at 1725. August 11 at 1606, finally got the modulation fixed, Pastor Peat Peters with an old tape, poor audio quality and low levels. August 12 at 2130, bibling, excellent signal but very low audio, almost impossible to decipher. (Will-WV)

9570, August 13 at 1335. KBS Korea with talk about people who have problems recognizing others' faces (face recognition). Squealy, low modulation, excellent signal. [rather CRI via CUBA --ñ gh]

9710 August 8 at 1940. World news and talk in English, Radio Japan ID at 1945 and into Hiroshima/Nagasaki segment, very good signal. (Will-WV) [via VATICAN --- gh]

9810 August 8 at 1946. Islamic Republic of Iran. News in English, Spain/Catalonia news, at 2001 started political screeds from Iranian government, "The US is the greatest terrorist nation", etc. very good signal. (Will-WV)

9840 August 9 at 1725. Brother Scare says he has a "make me an offer" for a 50 KW FM stating blanketing Charleston, and asks listeners for ten million dollars. (Will-WV) [WHRI]

9915 August 8 at 2005, BBC News in English, very good signal. (Will-WV) [Woofferton until 21 Ascension --- gh]

9955 August 12 at 1530, WRMI, end times preacher predicting the end of everything, "Yew are damned!" etc. (Will-WV)

10051 USB August 11 at 1551, Aviation weather, good signal. (Will-WV) [NY Radio]

11580 August 8 at 2009, Very nice classic jazz music, very good signal. (Will-WV) [`Jazz from the Left` on WRMI]

11710 August 13 at 1431, North Korea playing patriotic military music, fair signal. (Will-WV)

11930 August 12 at 1600, Radio MartÌ holding its own against Cuban jammer, very good signal. (Will-WV)

11635 August 9 at 2145, Cuban spy transmission with numbers and modem sounds. August 11 at 1806, perfect signal. (Will-WV)

15034 USB August 9 at 1730, Aviation weather, ID "This is Trenton military". No report from Victoria, Abbottsford or Zagreb. (Will-WV)

15140 August 11 at 1558, Radio Sultanate of Oman, Thumrayt, Extended talk in English with male and female about essentially nothing, ID "the nation's station", switched language at 1600 and into middle eastern music. Very good signal. (Will-WV)

15290 August 11 at 1611, Deutsche Welle news in English, fair/poor and parallel 15315 with similar signal. (Will-WV) [both via FRANCE --- gh]

15490 August 13 at 1557, BBC sport news, Manchester United versus West Ham, "BBC World Service" ID. Very good signal. (Will-WV) [MADAGASCAR]

15555 USB August 11 at 1815, WJHR, Music, into pre-tribulation rapture talk, fair signal, fadey. August 12 at 1603, trashing the Catholic church, talk about muslim 911 bombers paying prostitutes 300 dollars in Vegas, fair to good signal. (Will-WV)

15575 August 14 at 1256, "KBS World Radio coming from Seoul the Republic of Korea", interval signal and ID in Englsh and French, very good signal. (Will-WV) [English from 1300 --- gh]

15610 August 11 at 1819, EWTN Cathy lick programming, characteristic squealy signal, off-the-chart signal strength. (Will-WV)

15630 August 8 at 1925, VOA via Woofferton, talk in middle eastern language, pop music, news 1927, excellent signal. (Will-WV) [Tigrinya]

15825 August 10 at 1920, WWCR with Little Tony children's show. Opening song was sung by a baby. (Will-WV)

17640 August 11 at 1821. Madagascar World Voice, health talk, "How can I make sure the wound heals properly?", excellent signal. (Will-WV)

17920 August 11 at 1604. Cuban spy transmission, fading in and out. (Will-WV) [unusual frequency in aero band, not typo? leapfrog? --- gh]

== Shortwave pirates

6960 AM August 13 at 0010. Radio Illuminati, mellow progressive music, low-fi sound, full stop between songs, nice deep audio. 0057, acoustic version of Pink Floyd's "Wish You Were Here". 0103, "the show's over" and into the national anthem. Excellent signal. (Will-WV)

6925 AM August 13 at 0036. Unid. 1930s jazz music snippet, fair signal, off at 0039. (Will-WV)

6935 USB August 13 at 0048. Jingle "can anyone hear me" repeated several times, 0049, "Wolverine Radio" ID and into old 30s jazz music.

The theme tonight was songs with "last" in the title, e.g., Traveling Wilburys "Last Night", Tom Petty "Last Dance With Mary Jane", Rolling Stones "Last Time", and many more. (Will-WV) (Larry Will, August 18, WORLD OF RADIO 1892, DX LISTENING DIGEST)

GRAYLAND, WA DXPEDITION - AUG. 8 - 13, 2017

I was fortunate to visit again Grayland, WA and Florence, OR during the week of August 8 - 13, 2017 and erected a 160í DKAZ antenna at both sites facing around 250 degrees.

Results were pretty mediocre with the highlight being getting a KiwiSDR to ëplayí through the router at Casa Sea Esta [near the old Grayland Motel] so several other folks could have a listen. Thanks to Ralph Brandi for helping to get this going. Iíll be adding more things but ëloggingsí are available for listening here:

http://realmonitor.com/am_logs_grayland16.php

For those who havenít seen my logs before, I donít do traditional text loggings, instead saving small sound samples as I go thru Perseus WAV files making them available on a webpage in a frequency vs. date/time table.

They say a sound is worth 1000 words [or is that a picture?] Either way, I know Iíd prefer to HEAR what someone else heard than have them describe it to me. Enjoy (Bill Whitacre, Alexandria, VA, Aug 21, NRC-AM via DXLD)

DIGITAL BROADCASTING --- IBOC See OKLAHOMA; USA; DX-PEDITIONS Will;
++++++++++++++++++++++++++++ PROPAGATION Eclipse reports

DIGITAL BROADCASTING --- DRM See MONTSERRAT; RUSSIA; DX-PEDITIONS Will
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DIGITAL BROADCASTING --- DTV See OKLAHOMA; USA; PUBLICATIONS
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RADIO EQUIPMENT FORUM
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DECLINE IN SHORTWAVE COUNTRIES AND STATIONS

Hello Glenn, I can report about a link to On the Shortwaves.com where Jerry Berg under Special Resources has been presenting ìActive - Inactive SWBC Countriesî based on NASWA Country List since 2015. I found it interesting, but since 2015 there had been very small changes, so I wanted to look a little longer back in time to find out

what has happened. I took the EDXC Country List of 2014, applied the findings of the working group for Active - Inactive SWBC Countries and compared today with year 2000. And now I could see the drastic drop of active countries on shortwave. I informed Jerry about my figures and he found it very interesting and asked about permission to publish it on his site.

Inspired of this Anker Petersen of former DSWCI and editor of the Domestic Broadcasting Survey has made a summary for the years 2000 to 2017. He also contacted Jerry Berg and the findings of Anker and myself can now be found on:
http://www.ontheshortwaves.com/resources.html

Look under ìActive - Inactive SWBC Countriesî and in the fourth paragraph, there is a link to Ankerís summary and the link to my survey is in the third paragraph. 73 de (Lennart Weirell, Aug 20, DX LISTENING DIGEST)

TWO COMPLEMENTARY HOBBIES

As well as radio another of my passions is competitions. Some years ago I won an amazing trip to Memphis with Radio Caroline. A few years ago I won a wonderful luxury trip to New York from a radio station. Today I received an LWE (long white envelope in comping parlance) advising of a win of a £1000 EBay voucher from Global Radio. Many radio stations run competitions, if you are interested and wish to swap knowledge please get in touch. 73s and good luck! (Mike Terry, BDXC-UK yg via DXLD)

HAPPY BIRTHDAY, FM RADIO!
rbr.com By Adam Jacobson August 18, 2017
https://www.rbr.com/happy-birthday-fm-radio/

Eightly years ago today, the FCC granted its very first FM radio construction permit. It went to W1XOJ, in Paxton, Mass., and its operator, The Yankee Network.

This set the stage for the birth of FM broadcasts. In May 1939, the facility introduced scheduled programs, with a 50 kW signal.

The stationís call letters were changed to W43B, and in 1941 officially took the calls WGTR-FM, under owner General Tire & Rubber Co. Programming was fed to the stationís tower on Asnebumskit Road in Paxton from Boston by FM circuit.

WGTR, with the creation of a new FM band, first took the 103.1 MHz frequency, and then moved to 99.1 MHz.

In October 1948, the Yankee Network moved its FM operations to Boston, signing on WNAC-FM at 98.5 MHz. With this debut, WGTRís license was transferred to Eastern Radio; by 1951 it was once again owned by the Yankee Network, but operating from an address tied to the station that is now Entercom-owned WAAF-FM 107.3 in Worcester, Mass.

While WGTRís presence in the Boston area faded, the predecessor to WAAF, WAAB-FM, flourished. Thus, WAAF has inherited a legacy tied to the very birth of FM radioís governance by the FCC.

The anniversary of the W1XOJ CP was noted in a Friday midday Tweet from none other than FCC Chairman Ajit Pai.
Posted by: (Mike Terry, dxldyg via DXLD)

SHORTWAVE BAND INTERFERENCE --- RF CHOKES

[Re 17-33:] Robert, I want to thank you for your suggestion on these chokes from the]below[URL. I purchased the RFI-Kit-1 and RFI-Kit-2 kits which have the large and small chokes.

I am very impressed with these chokes; my noise issue is pretty much now non-existent on shortwave frequencies. I listened tonight and added many new loggings to the logbook.

I also used the large choke on my ELAD USB cable to the laptop and I was amazed how it quieten the noise level down as well which I was getting from the laptop power supply. If I wanted to run over night recordings, it was only from the battery power. Now, it's time to improve my antennas next since the noise issue is gone. Thanks again!!
(James Niven, IRCA via DXLD)

LOG ON TO AN INTERNET-CONNECTED PC AND DX FROM RECEIVERS LOCATED ELSEWHERE!

Check out
http://sdr.hu
for a list covering North America, South America, Japan, Australia, Russia, New Zealand for starters. The website indicates 158 receivers are online, and each can accommodate up to 4 simultaneous users.

There's also the University of Twente receiver in the Netherlands, a receiver that hundreds of users can simultaneously tune - see
http://websdr.ewi.utwente.nl:8901/

Yes, it's not the same as turning the knobs on your receiver, using your antenna, but hey, it's something (Richard Cuff / Allentown, PA USA, ODXA yg via DXLD)

PROPAGATION
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THE TOTAL SOLAR ECLIPSE: ONCE-IN-A-LIFETIME OPPORTUNITY
Published Saturday, Aug. 19, 2017, 7:05 am
http://augustafreepress.com/total-solar-eclipse-lifetime-opportunity/

For the first time in 99 years, a total solar eclipse will cross the entire country from the Pacific to the Atlantic, giving scientists and engineers a chance to conduct research on systems we rely on for communication, safety, and even transportation.

During typical day-night cycles, the ionosphere ó shown in purple and not-to-scale in this image ó waxes and wanes with the Sun. The total solar eclipse will cut off this regionís source of ionizing radiation. By combining all the captured data, Earle and his team will be able to improve models of the ionosphere, while understanding and explaining the overall impact of the eclipse on systems we use everyday. Photo credits: NASAís Goddard Space Flight Center/Duberstein [Caption]

During the total eclipse, Greg Earle, a Virginia Tech professor of electrical and computer engineering, and a team of College of Engineering faculty, staff, and students will study the effects of the eclipse on systems we use every day ñ such as over-the-horizon radar, amateur radio, and even the global positioning system (GPS) that helps guide us through traffic.

Earle and his team will be stationed across the United States in Bend, Oregon; Holton, Kansas; and at the Shaw Air Force Base in Sumter, South Carolina, using custom-designed ionosodes, instruments that use radio waves to look up into the ionosphere and measure its height and density.

When the eclipse occurs, the moon will turn off the ionosphereís source of extreme ultraviolet radiation, and this region of the Earthís upper atmosphere will go from daytime conditions to nighttime.

Funded by NASA and the National Science foundation, Earle and his team will study how the ionosphere responds to changes in sunlight, along with a host of other changes in the upper atmosphere that have an impact on radio propagation ñ the behavior of radio waves as they travel from one point to another.

Understanding the effects of varying conditions on radio propagation has many practical applications, from choosing frequencies for international shortwave broadcasters, to designing reliable mobile telephone systems, to radio navigation and operation of radar systems.

ìRadio wave propagation is affected by the electrical part of the atmosphere and during the eclipse.î said Earle, research member with Virginia Techís Center for Space Science and Engineering Research group. ìWe really have the opportunity to collect data and learn more about the impact of these changes on systems weíve come to rely on.î

The Virginia Tech team plans to gather data from a variety of sources, including radar systems, transceivers, satellites, ham radio, and GPS receivers, in order to analyze the effects of the solar eclipse on the conductive region of the atmosphere.

ìWhether military radar or consumer GPS signals, the eclipse is going to have effects on the medium that we would like to understand better so that we can either mitigate them or use them to our advantage,î said Earle.

Their measurements will be combined with data from a nationwide network of GPS receivers and signals from the Ham Radio Reverse Beacon Network, both of which are sensitive to the state of the ionosphere. The team will also utilize data from Virginia Techís SuperDARN radars, two of which have been placed along the eclipse path in Christmas Valley, Oregon, and Hays, Kansas.

By combining all the captured data, Earle and his team will be able to improve models of the ionosphere, while understanding and explaining the overall impact of the eclipse on systems we use everyday (via Artie Bigley, DXLD)

LINCOLN, NEBRASKA FM ROCK STATION TO PROVIDE ITS OWN ECLIPSE SOUNDTRACK

92.9, KTGL "The Eagle" of Beatrice/Lincoln is planning something rather special for Monday's celestial event. Beginning at 12:21 p.m. Central Time, the station will play "Dark Side Of The Moon" in its entirety, concluding with the album's famous final lyric "...when everything under the sun is in tune, but the sun is eclipsed by the moon" at 1:04 at precisely the moment that totality begins in the skies over Lincoln. 73, (Rick Dau, South Omaha, Nebraska (which will miss out on the whole show), Aug 16, NRC Am mailing list via DXLD)

RESEARCHERS TO CONDUCT UNIQUE STUDY WITH HAM RADIOS DURING SOLAR ECLIPSE

WLS Chicago By Phil Schwarz August 19, 2017

Monday's total eclipse will be a historic even that will stretch from coast to coast, but some Chicago researchers are using the event to do some unique research.

During the two minutes and 40 seconds of totality, the sun's outer layer will be visible and can be looked at with the naked eye.

At the University of Chicago, Professor emeritus Jonathan Rosner is working with a nationwide network of ham radio operators during the eclipse.

"To study the differences in radio propagation during the eclipse, and this happens not only during the path of totality but several hundreds of miles to one side or the either of it," Rosner said.

AM radio signals can be heard from great distances at night and part of Rosner's study is to see how pronounced this actual effect is during the eclipse.

Hundreds of ham operators will be participating in the research.

Rosner conducted a similar study in Europe during an eclipse back in 1999.

Researchers to conduct unique study with ham radios during solar eclipse (with audio)
http://abc7chicago.com/science/researchers-to-conduct-unique-study-with-ham-radios-during-solar-eclipse/2327182/
(via Mike Terry, 0805 UT Aug 21, dxldyg via DX LISTENING DIGEST)

NASA TELEVISION COVERAGE OF TODAY'S SOLAR ECLIPSE

NASA Live
Upcoming Events (all times Eastern)
This illustration depicts a rare alignment of the Sun and Moon casts a shadow on our planet.
NASA TV coverage on Aug. 21 for the solar eclipse begins with a preview at noon; programming begins at 1 p.m.
Credits: NASA

Eclipse Live
Monday, August 21: Solar Eclipse. Live coverage of the total solar eclipse from NASA Television and locations across the country will be available on NASA's Eclipse Live pageand on NASA Television.

12 p.m. EDT
Eclipse Preview Show, hosted from Charleston, South Carolina.

1 p.m. EDT
Solar Eclipse: Through the Eyes of NASA

This show will cover the path of totality the eclipse will take across the United States, from Oregon to South Carolina featuring views from NASA research aircraft, high-altitude balloons, satellites and specially-modified telescopes. The program also will include live reports from:

Charleston, SC
Salem, Oregon
Idaho Falls, Idaho
Beatrice, Nebraska
Jefferson City, Missouri
Carbondale, Illinois
Hopkinsville, Kentucky
Clarksville, Tennessee

(via DXLD)

NASA television coverage of today's solar eclipse
Southgate August 21, 2017

Today, Monday, Aug. 21, all of North America will be treated to an eclipse of the Sun, and NASA Television will carry it live from coast to coast from unique vantage points on the ground and from aircraft and spacecraft, including the International Space Station. Coverage will be featured during the live four-hour broadcast Eclipse Across America: Through the Eyes of NASA.

Programming begins at noon EDT with a preview show hosted from Charleston, South Carolina. The main show begins at 1 p.m. and will cover the path of totality the eclipse will take across the United States, from Oregon to South Carolina.

The program will feature views from NASA research aircraft, high-altitude balloons, satellites and specially-modified telescopes. It also will include live reports from Charleston, as well as from Salem, Oregon; Idaho Falls, Idaho; Beatrice, Nebraska; Jefferson City, Missouri; Carbondale, Illinois; Hopkinsville, Kentucky; and Clarksville, Tennessee.

The Toshiba Vision screen in New Yorkís Times Square will broadcast the program live in its entirety to give the public a big-screen view of the eclipse. Viewers in Times Square can listen to NASA coverage while observing it on the big screen by downloading the NASA app or going to
https://www.nasa.gov/eclipselive

Or, watch the NASA TV coverage here:
NASA Live
https://www.nasa.gov/nasalive
(via Mike Terry, dxldyg via DXLD)

Dear All (via John Babbis), I hope each of you will try to see the eclipse of the sun tomorrow. When I was in Indonesia, I was doing the pre-op cleaning of the Pertamina refinery expansion at Cilacap (say chill uh chop) on the south coast of Java and word filtered out there was to be an eclipse and I should be prepared to hide. Huh? Legend has it that a giant dragon comes along every now and then and eats the sun. While the world is dark, all sorts of evil spirits wander around and lurk in strange places just waiting to pounce on the unsuspecting. The sun makes the dragon sick and he spits it out and all continues as before.

As amazing as this bit of Godís creation is, the reaction of the locals was boggling. Cilacap has probably half a million people with two main streets running mostly parallel to each other for about 5 miles along the coast. As the time approached, the merchants and homes closed the shutters, boarded up the windows, lowered the garage-door type store fronts and huddled inside. The army stationed very frightened looking armed men at each intersection in town. We drove down to the beach where there were no trees to look through and parked. I got out with my little cardboard with the hole and the back-up paper and waited. As the time approached, the chickens (who normally run around everywhere) took off for home and quit clucking, the street lights came on, and the birds quit chirping. My driver cowered in the car for the duration. There simply was no getting him out. As it progressed toward light again, the roosters started crowing, the birds chirped, and everything went back to normal.

Have fun, but remember not to look at it directly, but you will probably cheat and grab a few glances when it is nearly completely dark. Frank Kettl in Texas (via John Babbis, DXLD)

ECLIPSE MONITORING FROM SAN DIEGO

I had fun doing some radio monitoring of the eclipse from San Diego since we only had 60 percent totality!

I found that there were greatly enhanced conditions in San Diego from Asia on the 49 and 41 mb during the eclipse! Didn't get any signals from Asia on the 60 mb.

Despite my high local noise level, they faded in starting at around 1640 UT. Both the 49 and 41 mb opened-up with many signals from China, Taiwan, Japan and Korea, many well over S-9!. Seemed to peak around 1700. Many still on at 1730 but all gone by 1745. At just after 1700 there was a big open carrier on 6195 kHz (S9 +20dB) with no modulation. Kranji tuning up for Tuesday morning?

WWV had enhanced signals on 5 and 10 MHz MHz (peaked later than Asia). 2.5 MHz not noted.

Signals from KNLS and WWCR improved on their 31 mb channels (of course KNLS before WWCR).

I tried for some of the San Francisco MW stations (which are normally audible here at night) but nothing heard and/or there are daytime stations on their channels. However, KFBK 1530 in Sacramento did fade in and had a decent signal until around 1745 (Bob LaRose, W6ACU, San Diego, 1940 UT Aug 21, dxldyg via WORLD OF RADIO 1892, DX LISTENING DIGEST)

ECLIPSE DX IN ALBERTA

Had to be at work during the eclipse, but the Perseus was busy recording. A quick check showed some interesting reception, with Sacramento doing well at 1730 UT, with 1530 KFBK, 1380 KTKZ, and 1320 KIFM all loud and clear, as was Lodi's KCVR on 1570. Also noted KVGB from KS at 1800. Not often I can hear Kansas at noon local time in August! 73, (Nigel Pimblett, Dunmore, Alberta, IRCA via DXLD)

DXING THE ECLIPSE FROM VICTORIA BC

1700 was a winner; made it here with barely readable audio for a couple of minutes around 1722 UT, English talk presumed XETE until I can find an ESPN parallel, but not much else possible. Serious DX for 10:22 am on an August morning, hi.

KSL just thundered in at 1726 UT in Victoria, nothing there at 1713, the slightest carrier perhaps, 50dB increase in 13 minutes. Meantime, outside, the temperature dropped 4 degrees Celsius during our 87% totality. I suspect there will be a lot of looking over those files. best wishes, (Nick Hall-Patch, Victoria BC, IRCA via DXLD)

ECLIPSE DX IN SEATTLE

I had the SDR running during today's eclipse. Most of the time I was outside watching the event, but a subsequent check of the the files showed lots of sunset-like activity. The Portland area stations on 1550 and 1640 were the first to fade in at about 9:00 [PDT = 16 UT]. After that, things slowly picked up, and was quite lively for a while. There were ID's from KSL and KFBK at 10:30 local time (About 10 minutes after we had 93% of totality in Seattle).

Most of the DX was in from about 20-25 minutes before to about 20-25 minutes after totality. By 11:00 it was almost all gone. Most of the stations seemed to be from Oregon, but I'll go through the files and

send a full report later today. It'll be interesting to see what the eclipse DX was like elsewhere (Bruce Portzer, WA, Aug 21, IRCA via DXLD)

ECLIPSE REPORT - THE REST OF THE STORY

As promised, here is a listing of what my SDR captured here in Seattle during this morning's eclipse. I mostly heard Oregon and northern California stations, plus KSL and a few from Idaho. There was a very pronounced enhancement between about 10:10 and 10:30 PDT, after which things tapered off. The best reception was on the upper part of the band. Relatively few skywave signals were heard below 900, and most of those weren't very exciting. Best catches of the morning were stations in Eureka, Redding, Sacramento and Merced CA, as well as the Idaho stations on 1350 and 1290.

Receiver: Elad FDM-S2, Antenna: Wellbrook K9AY using a southern lobe to reduce interference from the north. All times are PDT.

610 KONA? Tri-Cities, WA Talk show 10:19

620 KPOJ, Portland 10:29 Fox sports fair-good

670 KBOI Boise 10:30 talk show, call ID, news & traffic report

680 Unid 10:18-10:25 unid weak talk under KLDY, probably KNBR

720 KFIR, Sweet Home, 10:30, several ads & PSAs, news, "Treasure Valley's 720 AM KFIR", promo for want ads program fair in KIRO splat

750 KXTG Portland, 10:23 local sports talk good program good

810 Unid 10:20-10:30 weak talk, KGO or KTBI

840 KKNX, Eugene, 10:27, weak with oldies, "Solid Gold KKNX " jingle, no sign of KSWB

860 KPAM, Portland, 10:29 ads, "Newstalk 860 KPAM", ID, news fair

870 unid 10:34, talk in heavy KIXI splatter, probably KORD

960 unid 10:22 sportstalk weak, KLAD or KALE?

970 unid 10:27 talk show, weak, probably KUFO

980 KWSW Eureka CA, 10:21, string of ads fair-weak, woman with "EZ radio" slogan then 60s R&B song "Ooh Baby Baby", slogan

matches what's posted on their website, soon faded

980 unid 10:25 country music weak KVLV?

990 unid 10:22 Spanish fair in heavy KOMO splat, KATD?

1010 KOOR, Milwaukie OR?, 10:27 weak emphatic non-EE talk (possibly Russian) in KOMO splat, switched to English 10:28 with several religious sounding announcements

1080 KFXX Portland 10:29, presumed with talk, good signal but hammered by brutal analog and IBOC splat from my 1090 local

1110 KBND, Bend 10:17 call ID, promo for Rush Limbaugh good

1120 KPNW Eugene 10:17 Rush Limbaugh promo good

1120 Unid, 10:29 light vocal music faded atop KPNW, possibly KANN Ogden UT

1130 KXET Mt Angel 10:21 loud with Russian song totally obliterating CKWX

1140 Unid 10:21 briefly with weak talk, didn't sound religious, KHTK?

1160 KSL Salt Lake City, 10:28 good w/local ads, phone call from Eclipse watcher in Idaho

1190 KEX, Portland, 10:18 good "Newsradio 1190 KEX" ID, Rush Limbaugh stuff

1220 KPJC Salem OR, 10:30 good with Alex Jones, ID, weather, local ads

1230 Unid 10:34 Spanish dominant

1270 KAJO Grants Pass OR 10:30 local ads & SRN news good

1280 KIT Yakima WA 10:31 local ads dominant over 2 other stations

1290 KOUU, Pocatello ID, 10:20 ads & country music good, ID "Country Classics AM 1290 FM 102.9, KOUU, Pocatello, American Falls, Blackfoot, Idaho Falls", unid talk in background probably KUMA

1300 KAPL Phoenix OR 10:18-10:35 nonstop Christian sounding music almost as strong as local KKOL

1310 KNPT Newport OR, 10:24 local ads, including one for a Chubby Checker show at a nearby Casino, good

1320 KIFM, Sacramento, 10:25 several ads, one mentioned the station's website ESPN1320.net dominant but soon faded under KXRO

1330 KPRZ Portland 10:31 presumed with Christian type announcements, mixing with KGRG

1340 KIHR Hood River OR, 10:30 country music & ID

1340 KLOO Corvallis OR 10:31 Bloomberg news & ad for Wilson Motors Ford, mixing with KIHR. No ID but content fits

1350 KTIK Nampa ID 10:36 local sports, local ad, AM/FM ID & "The Ticket" slogan good

1360 Unid KUIK or KOHU under local KKMO 10:39

1370 KAST, Astoria OR 10:23, ad for Astoria Ford, then call ID good over unid

1380 KKOO Ontario OR, 10:30 oldies, women mentioned "soul of rock & roll 101.5" which fits, fair under local KRKO

1390 KZGD Salem, OR 10:34 strong with NorteÒa & other Mexican music, 'La Grande" IDs

1410 KBNP Portland 10:30 business talk program & SRN news

1430 KCKN Keyser OR 10:31 local ads good atop KBRC

1440 KMED Medford and KODL The Dalles OR 10:31 mixing, both with news and call IDs

1450 KBPS Portland 10:23 promo with call IDs, 70's rock, dominant mixing with 1-2 others

1460 KUTI Yakima WA and KCKX Stayton OR 10:26 battling it out, KUTI with sportstalk KCKX in Spanish

1470 KELA Centralia-Chehalis WA, 10:30 news & ID "Lewis County's News Leader KELA" much stronger than normal, unid English in background

1480 KBMS Vancouver WA, 10:20 "1480 KBMS on your dial" ID & talk

fair under KGOE

1480 KGOE, Eureka 10:21 local PSA & national ads, good over KBMS

1500 Unid 10:25 weak talk

1510 Unid, 10:30 weak talk pummeled by IBOC & Analog splat from 1520

1520 KQRR Oregon City OR, 10:30 Russian songs and talk overpowering local KKXA

1530 KFBK Sacramento, 10:20 eclipse coverage mentioned video on kfbk.com, then "Newsradio KFBK" ID, good signal but much 1520/1540 splat

1550 KKOV Vancouver WA, one of the first stations to appear with ID & news 09:00 & one of the last to fade out, still there after 11:00, very strong in between with standards & "Sunny 1550" slogan

1550 Unid 10:21, man in South Asian language or accented English briefly u/KKOV, so either KZDG or KRPI

1570 KCVR Lodi CA 10:24 Spanish talk fair

1580 KGAL Lebanon 10:29 eclipse coverage & ID strong

1590 KTIL Tillamook OR, 10:27 oldies & "AM 1590 KTIL" ID under local KLFE

1600 KOPB Eugene OR 10:30 dominant with NPR program and OPB mention, KOHI St Helens in background with local ads & talk

1640 KDZR Lake Oswego, already good 09:00, "Portland's Talk News & Business station, Talk 16-40", good until about 11:00

1640 Unid 10:18 talk under KDZR, either KBJA or KDIA, weak

1660 KBRE Merced CA, 10:29 "The Bear 105 7" slogan, then rock music weak-fair

1670 KQMS Redding CA 10:18 Rush Limbaugh promo weak

1690 KFSG Redding CA 10:20 Vietnamese program fair
(Bruce Portzer, WA, IRCA via DXLD)

FROM ARIZONA

1160, KSL, UT, Salt Lake City, 8/21 1335 EDT/ 1735Z. Man: "What we're seeing here in Utah". Fair and steady. Gone at 1350 recheck. A lot of channels had a mumble-rumble but nothing that I could identify. KSL not a big DX catch here, but it IS so near to eleven o'clock in the morning! This was at height of the eclipse here. There was a lot of activity on 1600, 1140, 1430, but nothing I could positively ID. Tho I had KSL from Utah, other Utah stations were at threshold levels (Rick Barton, Sun City/Peoria AZ, dxldyg via DX LISTENING DIGEST)

ECLIPSE EXPERIMENT AT GRAND ISLAND, NEBRASKA

Gang, I drove to Grand Island NE two days early and met 3 old shipmates from the submarine I lived on way back when. We got about 2 minutes and 40 seconds of totality. Using my Sony SW-35, I intentionally listened on 850 for KOA every few minutes starting about 2 hours before totality. NADA, just band noise. Approx. 4 minutes before totality and lasting a little while after, KOA was good copy.

BTW, totality was spectacular. A good time was had by all. Took HWY 30, the old Lincoln Hwy all the way back from Grand Island to my home near Moorland Iowa. Very little traffic. I hear the major roads were / are a nightmare (Stephen Hawkins NG0G, IRCA via DXLD)

ECLIPSE DX REPORT FROM GLENN HAUSER, FAIRMONT, NEBRASKA

We travel straight up US 81 from Enid to just south of Fairmont, Nebraska, right on the line of totality, and the closest part of it to Enid; joining what turn out to be hundreds of other cars parked along a side road, County road G (or was it H, two of my favorite letters). Despite cloud cover maps showing this could be one of the worst areas along the track.

We arrive and set up an hour before at 1700 (all times UT!). We find a good spot not far from the hiway. With camera ready, nothing special, I alternate monitoring on the hand-held DX-398 from my lawn chair, and on the Nissan caradio, which is much more sensitive, but no BFO and no DFing with it.

My prime target was going to be 50 kW KTWO Casper WY on 1030, where totality strikes a few minutes before. But MW DXing conditions are horrible due to a nearby storm --- we can constantly see a downpour to the southeast (and which causes flooding in the Kansas City area; but dry here --- we could use some precip vs the dusty road with lots of traffic on it) --- and hear a huge storm static level. On MW this is always worse on the lower frequencies. View of rain to the SE: http://www.w4uvh.net/Eclipse2017rain.jpg

KTWO has the additional disadvantage of being adjacent to 50 kW 1020 KMMQ near Omaha. At 1708 UT my first log of 1030 finds two JBA carriers slightly offset from each other. There are two other 1030s on the map closer than Casper, KBUF Holcomb, SW KS (Garden City market), which is 2.5 kW non-direxional; and KCWJ Blue Springs MO (Independence/Kansas City) which is 5 kW with a lobe in this direxion. Compared to the remnant of 1040 WHO, and some others at 10 kHz BFO steps, I decide that one of the 1030s is slightly on the plus side, but is it KTWO?

The MW Offset List I have bookmarked,
http://www.myradiobase.de/mediumwave/mwoffset.txt
is dated October 5, 2014; is there one more recent? Of these three 1030 stations, the only one listed is KTWO, as 2 Hz on the high side, but that was as of December 9, 2009, and it ranged down to 1029.9986. So that is hardly conclusive. Fortunately I will soon have some other easily identified Eclipse DX!

[That list no longer is being updated, Glenn. However,
http://www.mwlist.org/mwoffset.php
will get you all the latest, I believe. best wishes, Nick Hall-Patch]

[Tnx, NHP; in the case of 1030, nothing newer about KTWO et al. -gh]

The only other major Casper-area station is 830, KUYO Evansville, 25 kW ND, but there is no chance of that with the noise level. If I did get something on 830 it could just as easily be WCCO on groundwave.

BTW, reference is the brand new 38th edition NRC AM Log 2017-2018, just received August 21 while I am away. See http://www.nrcdxas.org

Meanwhile we are entertained by NET Radio, which plays classical music all day (like Radio Kansas), so I can hardly complain; rather than NPR talk shows, and even skips some NPR news on the hour. So I do wish that were also available. At the site we are getting NET Radio on both 89.1 with RDS as KHNE-FM_ which is Hastings; and 91.1 as KUCV-FM_ which is Lincoln. At 1856, NET Radio says they are featuring ``celestial music`` today, including something connected to Mark Twain`s ``A Connecticut Yankee in King Arthur`s Court``, wherein he astounded by ``predicting`` an eclipse.

620, at 1725 I find a nearby station talking about the eclipse. Must be KMNS Sioux City IA, 1 kW U4, sports format, which I never get in Enid.

1630, at 1729, here we go! Spanish has got to be KRND Fox Farm WY (Cheyenne), 10/1 kW U1. 1730 ID mentions 94.5 I think: no, listed translator is on 94.7. While it`s fairly strong on the car, at 1732 on

the DX-398 it`s JBA. At 1733 a SAH develops on 1630 of 330/minute = 5.5 Hz, probably vs KCJJ Iowa City; is it getting skywave boost too or groundwave? Only other 1630 possibility is KKGM Fort Worth. By 1735, KRND is fading down.

1650 also has Spanish at 1730, which has got to be KBJD Denver CO. Stronger at 1742. 1650 IDs at 1804 as ``1650 AM, Radio Luz``, i.e. KBJD.

1690 has something weaker than 1650, surely KDMT Arvada CO, but why not same level with 10 kW ND? 1690 in English has an area-code 303 ad at 1749, clinching it as Colorado.

1500, at 1743, KSTP St Paul MN is fading in and out with ads including phone 651-485-0409, i.e. a SE Minnesota area code . At 1814, another ad with 952- AC, also MN. So there`s a skywave signal audiblized by the eclipse which is at a right angle, way out of the totality path.

Many other high-end MW frequencies have night-like pileups.

By 1740 the eclipse is quite partial, the Moon biting a big chunk out of the Sun. Light not perceptibly diminished yet, but wind picks up and the temperature is dropping. By 1750 it is darkening, and we can hear crickets chirping in the field as well as killdeer. Dark horizon: http://www.w4uvh.net/Eclipse2017darkhorizon.jpg

During most of the eclipse there are lots of clouds, but thin enough not to obscure the Sun very much, including at totality which starts right at local noon CST = 1800 UT August 21. Now there is clear sky for a considerable ring around the Sun! Contrails, perhaps from the NASA research jet chasing totality:
http://www.w4uvh.net/Eclipse2017contrails.jpg
{No, two jets did not start chasing until southern IL per Nova, PBS. This week`s episode highly recommended; catch a repeat. This is NOT an endorsement of David H Koch}

Our undivided attention for the next 3 minutes goes to viewing and photography. The diamond ring effect flashes, and then the glorious corona. Here`s my photo:
http://www.w4uvh.net/Eclipse20170821_1801.jpg

{Nova says the diamond ring occurs toward the end, so not also the beginning? Bailey`s Beads, then}

Most of the other eclipse viewers are in a hurry to drive out as soon as totality is over, and it takes more than half an hour. Cops are directing traffic, halting it on US 81 to let them get out. I am in no hurry as there is a lot more to monitor.

1080, bandscanning down as far as I can get anything vs the storm noise level, at 1815 there is a an ad with 972-AC, which means KRLD Dallas, also way out of the path in the other direxion. Gone by 1822. Got to be skywave, as it barely makes it to Enid on groundwave.

1120, at 1816, KMOX has faded in during their own live eclipse coverage in St Louis, counting down to totality there at 1:17:31 CDT. At 1819:20 they say it`s ending; by 1821 signal is fading a bit. Nice to hear this despite 1110 KFAB.

1510, what`s next? Maybe I can get WLAC Nashville, next big city on the totality path. At 1826 I`m hearing British accent, must be that filler for Rush; Yes, the EIB jingle, and 1830 WLAC ID, no eclipse coverage! Best distance for me of the lot; see table below.

1630 & 1650 & 1690, the CO/WY stations are gone before I recheck them at 1830.

1690 at 1834 now has something, ad about credit, mixed with C&W music? The talk I would now expect to be WVON Chicago, but no idea about C&W.

I haven`t been doing any SW or ham monitoring. Brother Scare has been making a big deal of the Eclipse over his Tabernacle in SC, so I tune him in at 1845 on WRMI 11580 to hear him singing some Aleluias, 1846 ``Praise God`` and long pause. He`s speechless! Or rather, I soon discover at 1848 that his audio feed has been cutting out, tsk2.

By 1854 the Eclipse here is about three-quarters. Sitting in the driver`s seat, I notice that the notched Sun is being reflected from my watch face onto the inside car door.

Heading back down US 81 to Enid, at 2116 I notice that 1350, KMAN Manhattan KS is talking about what is *going* to happen regarding the eclipse, a bad time to be running a delayed playback of some talkshow. 2120 plugs translators on 93.3 and 93.7. I don`t write down the calls or locations. Should have, as NRC AM Log does not mention either. More and more AM stations will be adding more and more FM translators.

Approximate city-to-city distances from Fairmont NE in km and statute miles, as in distancefromto.net ---

766/476	Casper WY
416/258	Holcomb KS
335/208	Blue Spring MO
611/380	Cheyenne WY
637/396	Denver CO
230/143	Sioux City IA

605/376 Saint Paul MN
877/545 Fort Worth TX
878/545 Dallas TX
671/417 Saint Louis MO
1065/662 Nashville TN
830/516 Chicago IL Berwyn
473/294 Enid OK
1732/1076 Walterboro SC
(Glenn Hauser, NE & KS, August 23, DX LISTENING DIGEST)

Hi Glen[n], interesting to read. Didn't you you record the entire MW at home while being away? There should be many interesting observations waiting for you. I did that on 30-March-2015, the totality zone was far away from me. But I found a lot of interesting stuff. For example this level plot of R. Manresa, Spain 1400 km (time is local) Remarkable is the deep notch (at 10:45) after maximum. This kind of notch I saw with many other stations all around me (at different times of course) It is most likely caused by a varying phase shift and equal amplitude of two reflections, cancelling out the signal here. After a while it continuous with its normal gradual fade out. Without wideband recording I would never have discovered that [graphic] (Jurgen Bartels, Suellwarden, N. Germany, mwdx yg via DXLD)

I should have added, ``all logged by my own ears on my own receivers, in real time``. Sorry, I don`t do all-band recordings. Or except in very rare instances, any recordings. I barely have enough time to process real-time log info (Glenn)

FROM SPRINGFIELD MO

We were at about 96% magnitude here in the Springfield area, and for about 15-20 minutes either side of the local 1:13 pm [CDT] maximum I did a manual bandscan (no SDR) and found conditions to be similar to what I'd get maybe an hour or two before LSS in November or December. Most all the skip reception seemed to be from the north, to about 300 or so miles out -- stations I otherwise don't normally hear in daytime conditions. Strongest were things like WHO-1040, KFAB-1110, KTIC-840 West Point NE, and Chicagoland stations like WLS-890, WMVP-1000, and WVON-1690. Also KMOX-1120, normally very poor down here in SW MO during the day, was doing well. Certainly nothing "exotic", but interesting at 1 or 1:30 pm in late August (Randy Stewart, Battlefield MO, Yaesu FRG100B, Quantum QX Pro, WORLD OF RADIO 1892, DX LISTENING DIGEST)

TOTAL ECLIPSE OF THE DXER'S HEART, IOWA

Eclipse DXing on AM and longwave was a total bust here. Storms came through at about 0700 CLT, but the lightning static stayed around for

hours and essentially turned both bands into pans of frying bacon. Around 1230 CLT, I gave up and went over to FM, where I had much better results. Boosted my logbook here from 117 to 140 in a matter of a few hours. Trop-like conditions, very nice. 73, (Rick Dau, on the road in Iowa City, Iowa (EN41fp), IRCA via DXLD)

FROM MINNESOTA

Briefly turned the radio on while waiting for service on our septic tank (the joys of living in the country!). Very overcast here in Grand Rapids (Minnesota) so no view of the sun; surprising, tho, how dark it actually became (~75% sun coverage here). Conditions were just like a moving mid-sunset. Of note was KSL when I tuned in (a bit before 1 PM local time [CDT = 18 UT]), unfortunately they faded rapidly. Also, was KQSC (1530) Colorado Springs, rather strong at the 1 PM break. There were a number others audible that are generally heard here at sunset, too many to list. Also, I was surprised that the eclipse effect was as much as it was. Did have some static, annoying but not insurmountable (John Sampson, IRCA via DXLD)

Hey, Thanks John. I am about 100 miles South of you. I went back to review and sure enough I have KQSC, very weak on the ID at 12:58:20 PM CDT and then almost like a local at 1:00:15 PM CDT "Playing real country variety for lunch, 107.3 and 1530 Mountain Country". Up and down then fade to noise at 1:10 PM. Thanks for drawing my attention to this one. This is a new one for me. I have nothing on KSL so far, but will spend more time reviewing recordings. I didn't think I had anything unusual until your post, so thanks again. 73, (Mike Gorniak, NM7X, Braham, MN, IRCA via DXLD)

WEST MICHIGAN ECLIPSE REPORT

Eclipse peak: 18:22 UTC / 2:22 pm EDT, 85% Totality
Antenna: DKAZ loop aimed 180 degrees South
Receiver: Perseus SDR
Location: Western lower Michigan

While enjoying the eclipse outside, the SDR was faithfully recording large chunks of RF spectrum which should provide much enjoyment over the next few weeks. Peak DX time occurred here near the bottom of the hour before tapering off at 1900 UT. Fishing for IDs at TOH isn't going to cut it this time around and it'll require careful listening of content and other clues near the BOH to pick out the more unusual or desirable signals. That being said, here's just a very partial start, beginning with the x-band down to 1580. Nothing new so far, but I've barely scratched the surface! If nothing else, just hearing Florida from Michigan in the middle of a hot summer day is something I won't soon forget.

Here's a start with more to follow in coming weeks:

1580 kHz: WLPK Connersville, IN. (245w), WHLY South Bend, IN., WAMW Washington, IN. (500w) and others jumbled together at 1830 UT before returning to normal conditions at 1900 with WWSJ St. Johns, MI.

1600 kHz: Goes from threshold WAAM Ann Arbor, MI to a big jumbled mess by 1830 UT. Heard in the mix: KATZ St. Louis, MO., WAOS Austell, GA at 653 miles, "Newstalk 94.1" WUCT Algood, TN. (2.5 kW at 484 miles) and an oldies station matching the webstream of WTZQ Hendersonville, NC. (5 kW at 579 miles).

1620 kHz: Blank channel but WNRP with Dave Ramsey begins to appear faintly at 1821 UT until building to a respectable signal by 1828 UT. By 1830, TIS pest WQBR256 decides to get in on the action along with another unID station under a now powerhouse signal from WNRP at 882 miles giving Pensacola weather. Peaked at around 1836 and then slowly faded and gone by 1850.

1630 kHz: WRDW Augusta, GA at 704 miles with sports talk peaking around 1833 UT over KCJJ.

1640 kHz: WTNI Biloxi, MS at 891 miles with sports talk mixing with WSJP Sussex, WI peaking around 1835 UT.

1660 kHz: Dominated by semi-local WQLR Kalamazoo up until eclipse peak, then Allman Bros. "Midnight Rider" crept up and rivaled WQLR for a few minutes at 1835 UT, likely WBCN Charlotte, NC at 617 miles.

1670 kHz: Threshold audio from presumed WOZN Madison, WI which peaked to a strong signal by 1828 UT with another weak sports talker under it. By 1834 UT, the weak sports talker is identified as WMGE Dry Branch, GA. With FOX Sports at 730 miles.

1680 kHz: It's semi-local WPRR dominating the channel, as usual. Music begins to be heard around 1821 UT and peaks in strength at 1828 UT with a nice solid "99.7 My FM" and into Deee-Lite' s "Groove is the Heart". This is KRJO Monroe, LA at 806 miles. Still there but way under WPRR by 1836 UT.

1700 kHz: at 1800 UT the channel is dead. KBGG Des Moines at 392 miles the first to appear with Sports program about 1813 UT with good signal. KBGG soon mixing with UNID SS talk and into SS music (maybe KKLF?). By 1829 UT, KBGG is gone and now replaced by an overly strong WEUP Huntsville, AL at 582 miles to the South. 73, (Tim Tromp, West Michigan, ABDX via DXLD)

Tons to still listen to here as, like Tim, I need to listen for at least 30 minutes on many channels. Tim, your 1700 Spanish was KKLF which was strong here and basically alone at 1815 UT. KKGM 1630 also good at the time mixed with O'Hare TIS. At 1830, WEUP was basically all alone on 1700. New for me was WBHP 1230 [Huntsville AL] at about that same time for a minute with local news and ID. 73 (KAZ 35 miles NW of Chicago's Loop DKAZ due S and Perseus, ABDX via DXLD)

ECLIPSE DXING IN NEAR CHICAGO (very prelim comments)

I took the day off to DX the eclipse and peak darkness here (about 85% so not really dark) was about 1:20 pm CDT. Things were late developing as even 1 pm, ID time was worthless, unfortunately. But by 1:10 things started hopping, especially the high end. I used my Perseus and South DKAZ, noting conditions were likely still somewhat auroral and noting the long path of totality to my south.

At about 1:10, 1700 had KKLF's Spanish music [Richardson = Dallas TX] in nicely, but 25 minutes later it was WEUP [Huntsville AL] all alone.

By 2 pm ID time, I recorded but think almost anything DX worthy had faded away. I needed this eclipse to be half an hour earlier or later for hourly ID's.

I have much to go over as I recorded the entire band for a long time. Only things of merit 100% ID when listening live were WKJV NC [1380] loud and WZYX TN [1440], but I had Carolina mentions on other channels and plenty of southern accents. 73 KAZ Barrington IL with a lot of playback ahead (Neil Kazaross, NRC-AM via WORLD OF RADIO 1892, DXLD)

GLENN, SOLAR ECLIPSE AM DX CATCHES!

Glenn, HERE IN COLUMBUS, Ohio: Listening during the eclipse for AM DX, from about 2:15PM to 2:45 PM EDST, [1815-1845 UT] I was getting pretty much an armchair copy of WLAC in Nashville [1510]. Other stations I heard and IDed were KMOX 1120 in St Louis and KZQZ 1430 in St Louis.

Two Tentative stations to the south of me I'm working on are:
1360 AM with an station IDing as "THE HEARBEAT OF THE CITY AND PLAYING THE BLUES, WIXL 1360 Jasper, Alabama. And "newstalk 94.1 and 1600", WUCT in Algood, Tennessee. ALL this on my CCrain Radio 2 barefoot.

MORE INFO FROM THE HAMS HERE:
2017 Eclipse Experiment Description |
http://hamsci.org/projects/2017-total-solar-eclipse/2017-eclipse-experiment-description
(Artie Bigley, OH, DX LISTENING DIGEST)

ECLIPSE DX: EARLY REPORT FROM NASHVILLE

This is EXTREMELY preliminary. I have recordings of the entire band (plus LW and the 160-meter ham band) running for several hours. It sounds like maybe 30-45 minutes will be worth reviewing. The improvement surrounding totality is dramatic.

I used a SDRPlay RSP1, connected to a 160-meter dipole (center-fed antenna 264'/80m long, center about 20m/65' high). I recorded DC to 2 MHz from 1645z (11:45 am CT) to 2000z (3 pm CT)

For software, I used HDSDR to record (because it has a good scheduler. I work for a TV station which planned extensive eclipse coverage; staying home from work was not going to be an option). I used Microsoft Remote Desktop to connect to the computer at home from my laptop at work 25 miles away. Strictly to verify the recording was working, although I did also sample the audio and take a few screengrabs of the waterfall display. I didn't listen during peak conditions -- we had eclipse glasses & there was no way I was going to be indoors during totality :)

For playback I'm using SDRUno. There's no scheduler but Uno makes it much easier to jump around the recordings in the time domain (to jump to totality, or to jump back a few seconds if one just barely misses an ID).

I've not (yet) encountered anything drastically distant on the BCB, but I'm hearing a bunch of stuff I ordinarily only hear at night or on SSS/SRS. I did hear London, Ontario (VE3CSK) on the 160-meter ham band; he was talking to WD5R near Little Rock which is a pretty good haul for summer broad daylight on 1800 kHz!

My location is 25 miles/40 km northwest of Nashville.

BCB catches so far:
WXLW-950 Indianapolis
KWAM-990 Memphis (vs. local 980)
WCRV-640 Memphis (vs. local 650 WSM)
WIRL-1290 Peoria
WMBD-1470 Peoria
KSIV-1320 Clayton (St. Louis)
KCJJ-1630 Iowa City

Again, I have recordings and will certainly be pulling more stuff out of here. The X-band is normally empty at this site, except for a very weak signal from Huntsville, Alabama (1700) and weak but readable signals from the Tennessee DOT TIS stations on 1680 in Nashville.

During totality, the X-band essentially filled -- no CHHA 1610 (the only full-power station on the frequency) but every other channel was full, usually with strong signals. == (Doug Smith W9WI, Pleasant View, TN, EM66, NRC-AM via DXLD)

CRUMP, TN ECLIPSE DX

45 minutes to totality I'm just starting to hear WGN 720 in Chicago and KMOX 1120 from St. Louis. I expect they will get stronger the closer it gets to totality at my house at 1324 [CDT = 1824 UT]
22 minutes before totality. WSAI Cincinnati comes in.
19 minutes before totality WSB Atlanta begins to come in.
15 minutes from totality WWL New Orleans begins to come in.
10 minutes to totality, 1640 WTNI Biloxi, 1650 KCNZ Cedar Falls, IA, 1690 WVON Chicago, and 1700 WEUP Huntsville, AL come in

During totality, 840 WHAS Louisville, KY, 890 WLS Chicago, 1020 KDKA Pittsburgh, 1040 WHO Des Moines and 1170 WWVA Wheeling, WV all came in. The skies are beginning to brighten again. The temperature dropped about 10F here during the eclipse (Kevin Redding, Crump, TN, ABDX via DXLD)

FROM HUNTSVILLE, ALABAMA

Glenn, these are my observations on the eclipse. No doubt, anyone with a better MW set up would have more to report, but, my observations were more modest than might have been expected. I used a Sangean HDR radio, whose AM performance is comparable to the famous G.E. Super Radio. I walked around my rental area to find the quietest reception, though electrical noise is really terrible, even when you get outdoors.

I particularly observed frequencies of 50 kW stations within the area of totality. The three I noted were WLW (not confirmed), WHAS (confirmed) and 1530 in Cincinnati (not confirmed, donít know what call they are using [still WCKY]). Stations began to come in at approximately 12:45 CDT, about 45 minutes after the start of the eclipse. Fade-out was at approximately 2:45. WHAS had the strongest signal. During the normal daytime, WHAS is a shadow, but, not really copiable. 700 and 1530 are not present during the day.

I was interested in 1510, WLAC, Nashville. Though they are 50 kW, their daytime signal is normally quite poor. Their directional pattern must send a lot of their RF in other directions. I noted no enhancement on WLAC. Glenn, Can you give me an idea of what WLACís normal daytime pattern looks like. I might expect a stronger signal despite their higher frequency of 1510 [I had to tell him it is non-direxional in daytime --- gh]

Some of the frequencies where I donít have locals, but, which have a lot of low power stations, such as 1490, exhibited some of the garble seen during nighttime. I was a bit surprised about the X-Band. I heard no really copiable signals, other than our locals on 1600 and 1700. Some faint sounds, but, no usable signal. Other Nashville signals with daytime powers of 50 kW, such as 1160 and 1300, showed no enhancement. With better equipment, or a better location, I might have experienced more. However, I think my observations are typical of what someone with a car radio or portable in my area might have observed (Tim Hendel, Huntsville AL, DX LISTENING DIGEST)

ALCOA, TENNESSEE

99% totality here, I recorded 1590 only, WAIK Galesburg IL (497 miles) and WCGO Evanston IL (475 miles} mixing, loud at 2:34 EDT totality peak, a few weak unIDs under (Steve Francis, Alcoa, Tennessee, IRCA via DXLD)

MW DX DURING ECLIPSE IN GREENVILLE NC

Iíve been anticipating this day for a while. Yesterday afternoon, the most dependable local TV channel forecast 10% rain chance with some high cirrus cloudsÖ About 94% obscuration, so I had high hopes for DX. Peak obscuration was 2:42 ET.

I set buttons on my Sangean PR-D5 on 570, 650, 750, 1120 and 1530. About 1:00, on my way home, it began to rain. By around 2:00 it had stopped and I set up outside. Soon, here came more rain with some lightning. Rain stopped by maybe 2:45.

At 2:28, 570 showed no enhancement on WWNC, Asheville way behind Raleigh and maybe *slight* enhancement on almost non-existent WSM and WSB even with Select-A-Tenna. Those cities were in near or maximum obscuration. I punched 1530 and could hear WCKY.

After that, things improved rapidly. By 2:38, I caught a 645-2000 mention and ìSt. Louis customersî on 1120. At 2:35, ``right here in Cleveland`` on 1100.

```
 840 talk
 880 talk behind local
1020 WRIX, Homeland Park, SC
1070 loud conservative talk behind local (suspected WFLI).
1100 2:35 PM ìright here in Clevelandî WTAM, Cleveland
1110 several stations in WBT null
1120 2:38 PM 645-2000 mention and ìSt. Louis customersî (strongly
     suspected KMOX)
```

1170 WWVA ID
1180 ìTennesseeî mentions (suspected WVLZ, Knoxville)
1190 two talkers (included 877-PLANNER [Real Estate Deal Talk], matches schedule for WAFS, Atlanta)
1220 religious talk (ìsoundedî just like WHKW, Cleveland, a regular here at night)
1230 evening-like graveyard congestion
1240 evening-like graveyard congestion
1340 evening-like graveyard congestion
1360 ìserving Jackson Countyî (suspected WMOV, Ravenswood, WV)
1530 2:28 PM Caught a WLW mention and waited. Got an ESPN 1530 Cincinnati ID around 2:33.
1580 a little after 3 PM content and sound very much like WJFK (suspected WJFK, Morningside, MD)
1630 WRDW, Augusta
1650 two stations talking (strongly suspected WHKW, Portsmouth and ??)
1660 Music and talk (WBCN, Charlotte [and WWRU, Jersey City???])
1670 (suspected WPLA, Dry Branch, GA)
1690 WPTX Lexington Park MD (and suspected WMLB, Avondale Estates, GA)
1700 Black Talk (suspected WEUP, Huntsville, AL)

Bottom line, enhancement was obvious above 900 and very obvious above 1200. I had fairly strong WCKY by 1828 UT, very strong 10 minutes later, weak by 1909. WTAM was still in at 1855. There was plenty to ID on many frequencies. Simply didnít have time to pick them off. Enhancement moved easterly over time. I now can say for a fact that an eclipse provides at least critical hours level enhancement (Brian Goodrich, Sent from Mail for Windows 10, ABDX via DXLD)

JIM RENFREW, CLARENDON NY

I've had a chance to review some Perseus files tonight. I started recording at 1330 and finished around 1530 EDT. The lower band is a fuzz feast, not much at all. The upper band is much better. However my center frequency was 720, not 950 as I had thought, so the recordings go no higher than 1520. Not sure how that happened!

I thought 1430 EDT, when the solar disk was covered 71%, would be the best file to check. A lot of stuttering and very few bottom of the hour IDs, so I've been trying 1500 EDT and it's better.

Here are some that I heard:

1510 WWSM PA
1500 UNID Suspect WFED
1470 WLAN PA Deportes
1450 WQWK PA
1440 UNID Sounds like WTEE, with Fox Sports Radio

1430 WVAM PA
1410 *WRTZ VA Roanoke This is a new one! Though previously heard
            as WRIS here.
1390 WRSC PA
1380 WMLP PA
1330 WEBO NY
1290 WFBG PA
1270 WLBR PA
1260 WRIE PA
1220 UNID Sports, suspect WJUN PA
1200 WKST PA
1070 WKOK PA

I haven't done a mid-day bandscan in a long time, so not sure how abnormal these are. Nice to get a new one out of this (Jim Renfrew, NY, IRCA via DXLD)

ECLIPSE DX - CAPE COD, MA

In this area the eclipse maximum was approximately 65% around 2:50 p.m. EDT / 1850 UT. The visual difference versus full daylight was just slight.

I made MW Perseus captures of 2 to 4 minutes duration at 15 minute intervals between 2 and 4 p.m. EDT (1800-2000 UT).

Antenna was a cardioid pattern SuperLoop with maximum gain south, -5 dB relative to forward (approx.) west and east, and -15 dB approx. north. Captures other than 2:30, 2:45, and 3 p.m. EDT (1830, 1845, 1900 UT) show little evidence of skip effects.

On the 1830, 1845, and 1900 UT captures, the following were noted. The catches are mostly short skip rather than long haul items from the totality zone far south of here.

1660 and 1680 NJ, 1650 VA, 1690 MD, and 1700 NY better than typically weak groundwave.

1600 WWRL NY beating up WUNR MA; usually it's under.

1560 WFME NY much better than its typically weak groundwave.

1550 WSDK CT skip blowing out WNTN MA groundwave.

1540 graveyard like jumble rather than usual WXEX NH over WADK RI.

1530 "stuff" occasionally under WVBF MA ... WOBX NC?

1520 WIZZ MA good, obviously skip as groundwave is typically nil to mush.

1500 WFIF CT much better than usually weak groundwave level. WFED DC under.

1410 WPOP CT skip over groundwave WZBR MA / WHTG NJ.

1400 blob of stations before reverting to normal WOND NJ / WGIN ME blend.

1360 WDRC CT about even with usually-alone WLYN MA groundwave.

1350 WINY CT at much-better-than-groundwave. Bit of background growl probably WGPL VA which could be groundwave or skip.

1310 WICH CT fading up to loud and then down into jumble, so obviously some skip there.

1210 WPHT PA occasionally 5-10 dB better than its typically weak groundwave. Much like winter midday.

1050 "Stuff" under WEPN NY probably WVXX VA.

Little of note below 1050 kHz.

Other observation: 830 WCRN MA seemingly off air at all times checked. Threshold level 830 carrier probably WEEU PA.
(Mark Connelly, WA1ION, South Yarmouth, Cape Cod, MA, IRCA via DXLD)

I DIDN'T DX WHILE WATCHING TOTALITY IN MARION, KENTUCKY...

but I was wearing KRVN eclipse glasses, so that's something, right? :) (Scott Fybush, IRCA via DXLD)

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#
Highlights of Solar and Geomagnetic Activity 14 - 20 August 2017

Solar activity ranged from very low levels to moderate levels over the period. Very low levels were observed on 16-17 Aug, low levels

were observed on 14-15 Aug and again from 18-19 Aug, while moderate levels were observed on 20 Aug.

The period began with Region 2671 (N11, L=305, class/area Fkc/410 on 18 Aug) rotating around the east limb. The region was in a growth phase through 18 Aug and rapidly developed from a simple Hax/alpha spot group to an Fkc/beta-gamma group by 17 Aug with an extent reaching 20 heliographic degrees by 20 Aug. Although a magnetically complex spot group, it only managed 11 C-class flares. The largest was a C7/Sf, with an associated Type II (928 km/s) radio sweep, at 19/2155 UTC. Although coronal dimming was observed in SDO/AIA 193 imagery beginning at 19/2143 UTC, there was no observable indications of an associated coronal mass ejection (CME) in coronagraph imagery. Another region began producing C-class activity on the east limb beginning on 18 Aug. By 20 Aug, the region rotated into view and was numbered 2672 (N05, L=225, class/area Dao/beta on 20 Aug). This region produced an M1 flare (R1-Minor) at 20/0152 UTC. No Earth-directed CMEs were observed during the period.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit reached high levels from 14-16 Aug and again from 18-20 Aug. A decrease to moderate levels was observed on 17 Aug coinciding with the arrival of a positive polarity coronal hole high speed stream (CH HSS). The largest flux value of the period was 23,392 pfu observed at 20/1540 UTC.

Geomagnetic field activity ranged from quiet to G1 (Minor) geomagnetic storm levels. The period began under the waning influence of a negative polarity CH HSS. Solar wind speed decreased from near 600 km/s to around 360 km/s by 16 Aug while total field was between 3-5 nT. Early on 16 Aug, total field began to increase to a maximum of 13 nT at 17/0740 UTC while the solar wind speed slowly increased to around 780 km/s by late on 19 Aug as a polar connected, positive polarity CH HSS became geoeffective. By the end of the period, solar wind speeds decreased to near 650 km/s while total field values had decreased to 3 nT. The geomagnetic field responded with quiet levels from 14-16 Aug, followed by quiet to G1 (Minor) storm levels from 17-20 Aug.

FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 21 AUGUST-16 SEPTEMBER 2017

Solar activity is expected to be at low levels with a chance for M-class (R1-R2, Minor-Moderate) activity from Regions 2671 and 2672 from 21 Aug-02 Sep and again from 08-16 Sep when both regions return to the visible disk. Very low levels are expected from 03-07 Sep.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels from 21-30 Aug, 01-07 Sep, 11-13 Sep, and again from 15-16 Sep due to recurrent CH HSS influence.

Geomagnetic field activity is expected to be at unsettled to active levels from 21-22 Aug, 30 Aug-02 Sep, 08-09 Sep, and from 13-16 Sep with G1 (Minor) storm levels likely on 31 Aug, and 13-16 Sep due to recurrent CH HSS activity.

:Product: 27-day Space Weather Outlook Table 27DO.txt
:Issued: 2017 Aug 21 0435 UTC
Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center
Product description and SWPC contact on the Web
http://www.swpc.noaa.gov/wwire.html
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27-day Space Weather Outlook Table
Issued 2017-08-21
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# UTC Date	Radio Flux 10.7 cm	Planetary A Index	Largest Kp Index
2017 Aug 21	90	18	4
2017 Aug 22	90	12	4
2017 Aug 23	90	8	3
2017 Aug 24	90	5	2
2017 Aug 25	90	5	2
2017 Aug 26	90	5	2
2017 Aug 27	85	5	2
2017 Aug 28	80	5	2
2017 Aug 29	78	5	2
2017 Aug 30	78	12	4
2017 Aug 31	78	24	5
2017 Sep 01	78	18	4
2017 Sep 02	78	14	4
2017 Sep 03	75	5	2
2017 Sep 04	75	5	2
2017 Sep 05	75	5	2
2017 Sep 06	75	5	2
2017 Sep 07	75	5	2
2017 Sep 08	80	10	3
2017 Sep 09	85	8	3
2017 Sep 10	85	5	2
2017 Sep 11	85	5	2
2017 Sep 12	85	5	2
2017 Sep 13	85	25	5
2017 Sep 14	85	30	5

2017 Sep 15	88	30	5
2017 Sep 16	88	25	5

(SWPC via WORLD OF RADIO 1892, DXLD)

GLENN`S PROPAGATION OUTLOOK FOR MEDIA NETWORK PLUS AS OF AUG 24, 2017

As reported in DX Listening Digest, the total solar eclipse August 21 propagated lots of daytime mediumwave DX across the USA. From totality in Nebraska, I heard stations from Colorado, Wyoming, Minnesota, Texas, and Tennessee.

From Space Weather Services Australia, the global HF propagation forecast thru August 26: normal at all latitude bands.

From Spaceweather South Africa thru August 27, magnetic conditions quiet, shortwave fadeouts unlikely, MUF unstable.

From the Space Environment Predixion Center, China, the planetary A index peaking at 20 on September 1, then a prolonged peak of 19 to 26 between September 13 and 16. Solar flux peaking at 78 September 7 to 9.

From Met Office UK thru August 27, a slight 30 percent chance of isolated Minor-class flares producing R1 Radio Blackouts.

From SWPC in Boulder, G1 minor storm levels likely August 31 with A and K indices peaking at 24 and 5; more so, Sept 13-16, peaking at 30 and 5. Lowest A`s and K`s of 5 and 2, August 24-29 and September 3-7. Solar flux 90 thru August 26, then declining to 75 by September 3, back up to 88 September 15.

The hurricane hitting the Texas Gulf coast should enhance tropospheric propagation, but extreme ducting is not predicted by William Hepburn. That does show on his maps: increasingly off both Californias; across most of the Mediterranean at least thru August 29, as well as the Red Sea, Persian Gulf and Arabian Sea (via DXLD)

TIPS FOR RATIONAL LIVING
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AN INCONVENIENT SEQUEL --- TRAILER
http://circlecinema.com/portfolio/an-inconvenient-sequel-opens-fri-aug-18/
(CircleCinema, Tulsa, via DXLD)

ìTruth and Lies'î === THE TED RADIO HOUR - NPR

We live in a time where the line between fact and fiction is increasingly blurry. This hour, TED speakers share insights on

navigating a world where even the facts are up for debate. Deborah Lipstadt: How Do You Stand Up To A Holocaust Denier? Michael Specter: What Happens When We Ignore Scientific Consensus? Laura Galante: Are All Of Us Vulnerable To Fake News? Stephanie Busari: What Happens When Real News Is Dismissed As Fake? Carrie Poppy: Can Science Reveal The Truth Behind Ghost Stories? (54î)
http://www.npr.org/programs/ted-radio-hour/533783169/truth-and-lies?showDate=2017-06-23

ìPeering Into Spaceî === THE TED RADIO HOUR - NPR

Gazing up at the night sky is simultaneously humbling and utterly thrilling. This hour, we'll hear from TED speakers who share an infectious sense of wonder and curiosity about our place in the universe and what lies beyond our skies. Brian Greene: How Did A Mistake Unlock One Of Space's Mysteries? Phil Plait: How Can We Defend Earth From Asteroids? Jill Tarter: Are We Alone In The Universe? Brian Greene: Is Our Universe The Only Universe? (54î)
http://www.npr.org/2013/02/15/172136499/peering-into-space?showDate=2017-06-30
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A monthly compendium of these newsletters, plus on occasion, additional pertinent material, is now published in The CIDX Messenger, the monthly e-newsletter of the Canadian International DX Club (CIDX). For further information, go to http://www.cidx.ca

Good listening! (John Figliozzi, Podding Along, Editor, "The Worldwide Listening Guide" 7th edition available from Universal Radio, Amazon, W5YI.com and Ham Radio Outlet, Swprograms mailing list via DXLD) ###